

CATALOGUE 2018

HAVE EVERYTHING IN SIGHT!

CAMERA-MONITOR SYSTEMS
THE RIGHT SOLUTION FOR EVERY APPLICATION

Mobile living made easy.

 **DOMETIC**



DEFINITELY A GOOD INVESTMENT: CAMERA-MONITOR SYSTEMS

With Dometic PerfectView, you can fit vehicles of all kinds with a tailor-made safety package. Cameras in a variety of designs, slim LCD monitors with smart amenities, complete packages and single components, standard and heavy-duty ... there is a professional solution for every demand and for every application.



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DOMETIC ON THE WEB

Here's where you can find the complete Dometic range, with detailed information about all products. Plus, interesting facts about our company and download links for all our catalogues.

DOMETIC.COM



CERTIFIED SAFETY

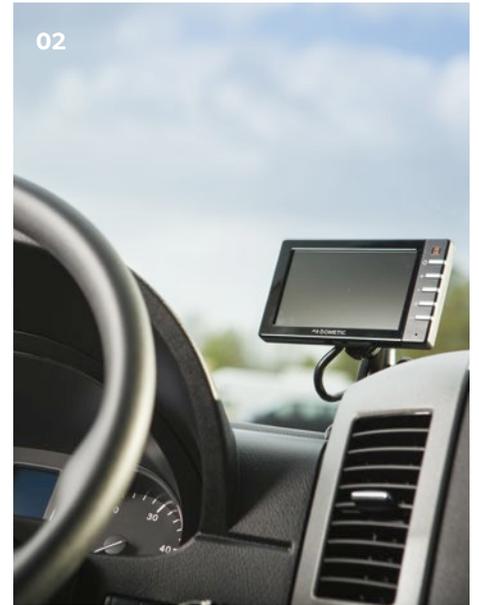
FOR TRUCKS, CONSTRUCTION MACHINES AND THE LIKE

Compliance with standards and regulations is a matter of course for our designers. By working closely with vehicle manufacturers and trade associations, they have direct access to all important information.

New industry standards, growing safety requirements, changing legal conditions – Dometic PerfectView keeps you on the safe side.



01



02



03

01 IMPROVED INDIRECT VISION

Every day fatal accidents happen on construction sites because machine operators fail to see colleagues or passers-by behind or beside the vehicle. By retrofitting a camera-monitor system you can increase the field of vision around the vehicle.

02 REVERSING CAMERAS ON ORIGINAL DISPLAYS

You can connect up to two cameras to a factory-fitted multimedia display. Simply put the Dometic control box and the matching adapter between them – and image transmission will work a treat.

03 HEAVY-DUTY DESIGN

The PerfectView CAM 60ADR heavy-duty camera qualifies for use under extreme conditions with a certification according to ISO 16750-2, ISO 16750-3 and protection class IP 69K. More cameras, monitors and system solutions for heavy-duty use can be found on pages 44–53.



04

04 SUBSIDIES FOR CONSTRUCTION MACHINES

To prevent accidents with heavy construction machinery, Germany's construction trade association BG Bau promotes the investment into suitable equipment for an improved field of vision (e.g. camera-monitor systems) with about 25% of the initial costs.

PERFECTVIEW CAMERAS SINGLY OR IN A PACKAGE

Do you want a particularly compact design? Or sturdy equipment with integrated heating? Do you need a camera which produces sharp images both at close range and far away? Or are you looking for a special model because there is really no place for a reversing camera on the rear of your vehicle? The PerfectView range offers the right professional solution for every requirement.



PERFECTVIEW SWITCH 200VTO

Connects up to two cameras to original multimedia displays

With the PerfectView SWITCH 200VTO control box and the matching vehicle-specific adapter you can connect two cameras to a pre-installed multimedia display. The cameras are activated automatically or manually. You can switch back and forth between the two views manually using the external switch.



PERFECTVIEW CAM 45

Small colour camera

- 1/4" CCD picture sensor (PAL)
- Normal or mirrored picture function
- Picture angle: 120° diagonal
- Microphone
- Temperature-controlled heater
- Separate IR-LEDs for optimal night-time vision
- Protection class: IP 69K
- Prepared for connection to navigation systems



PERFECTVIEW CAM 55

Robust colour camera

- 1/4" CCD picture sensor (PAL)
- Normal or mirrored picture function
- Picture angle: 120° diagonal
- Input voltage range: 10 – 32 volts
- Microphone
- Temperature-controlled heater
- Separate IR-LEDs for optimal night-time vision
- Test marks: ISO 16750-3, ISO 16750-4, IEC68-2-38, ISO 9227, ECE R10
- Protection class: IP 69K



PERFECTVIEW CAM 80CM

Colour shutter camera

- Super-compact colour camera
- Automatic, motor-operated camera cover to protect the lens from dirt
- Wide-angle lens with large picture angle (145° diagonal)
- Test marks: ISO 16750-2 2010-03, ISO 16750-3 4.1.2.4 2007-08
- Protection class: IP 69K
- Integrated microphone
- LDR-controlled IR LEDs



PERFECTVIEW CAM 44

Twin colour camera with shutter

- Colour CMOS camera (PAL) with LED
- Large picture angle in close range (140° diagonal)
- Telephoto function in long range (50° diagonal)
- Automatic, motor-operated camera cover
- Integrated microphone
- Factory pre-mirrored
- LDR-controlled IR LEDs
- Distance marks (3-line) in reversing mode



PERFECTVIEW CAM 604

2-step zoom camera

- Picture angle: 153° diagonal in close range, 83° diagonal in long range
- Infra-red LEDs for improved night vision
- Temperature-controlled heater
- Integrated microphone
- Replaceable stone chip protection screen



PERFECTVIEW CAM 40

Colour ball camera

- Super-compact design with high vibration resistance
- Very high light sensitivity and resolution
- Wide-angle lens with large picture angle (130° diagonal)
- Infrared LEDs for better night vision



PERFECTVIEW CAM 18

Colour ball camera

- Colour CMOS camera (PAL), particularly suitable for use as a side camera
- Aluminium housing
- Adjustable ball camera
- Integrated microphone
- LDR-controlled IR LEDs
- Distance scale



PERFECTVIEW CAM 60ADR

Colour camera, ADR-compliant

- Colour CCD camera, suitable for maximum loads
- Separately arranged LEDs for glare-free night vision
- Duplex protective glass for camera (hardened)
- Replaceable cover glass
- Cable input at the side (prevents cable breakage)
- Powder-coated aluminium housing
- Stainless steel mount and screws
- Complies with ISO 16750-3, ISO 16750-4, IEC68-2-38, ISO 9227, ECE R10, IP 69K (truck use) and ADR



PERFECTVIEW CAM 29S

Console camera

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Water-proof IP 68
- For particularly narrow installation areas



PERFECTVIEW CAM 29BKS

Brake light console camera

- Colour cylinder camera (NTSC), 1/4" CMOS
- Suitable for VW Crafter model up to 2016 and Mercedes-Benz Sprinter
- 150° Wide-angle lens diagonal
- Water-proof IP 68



PERFECTVIEW CAM 35

Colour CMOS camera, integrated in a brake light console

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal) integrated as standard
- Far view camera (60° diagonal) can be retrofitted
- For FIAT Ducato X250, X290 and its sister models
- Installed in the original brake light
- Housing can be painted



SLIM DESIGN, SHARP IMAGES **PROFESSIONAL MONITORS FOR ALL** **REQUIREMENTS**

Flat, compact and comfortable to use: PerfectView monitors are available in six different varieties – with 5", 7" or 9" screen diagonals, in the standard model or heavy duty design for use in extreme conditions.

All monitors are tested and approved according to ISO 16750. Digital LCD technology with super-bright, energy-saving LED backlighting makes for excellent image quality in all light conditions.



STANDARD **PERFECTVIEW M 55L** **AND M 75L**

5" / 7" Digital LCD monitor

- For 11 to 30 volts operating voltage
- Automatic or manual activation
- Automatic day / night adjustment
- Normal or mirrored picture function
- 384,000 pixels
- 3 camera inputs, 1 with video signal recognition
- Image settings can be saved for either camera
- Loudspeaker
- LED background illumination

HEAVY-DUTY PERFECTVIEW M 55LX AND M 75LX

With four camera inputs

The heavy-duty monitors from Dometic provide three additional benefits. First, they have four camera inputs. Second, they feature distance marks to define the borders of the danger zone. Third, each unit is supplied with an attachable sun shield.



HEAVY-DUTY PERFECTVIEW M 9LQ

With quad splitter

- Large 9" monitor with touchscreen
- For 11 to 30 volts operating voltage
- Mirrored picture function can be set for each camera
- LED background illumination
- 4 camera inputs
- Quad splitter for simultaneous display of 4 camera images
- Operation via sensor keys (monitor) or touchscreen (quad splitter)
- Ideal for special vehicles, agricultural machinery, etc.



SPLASH-PROOF PERFECTVIEW M 70IP

High-quality 7" LCD monitor

- For 12 to 32 volts operating voltage
- Splash-proof according to IP 69K
- 3 camera inputs
- Normal or mirrored picture function
- Multilingual OSD
- Aluminium housing
- LED background illumination
- Operation with sensor keys or by remote control
- Adjustable distance marks

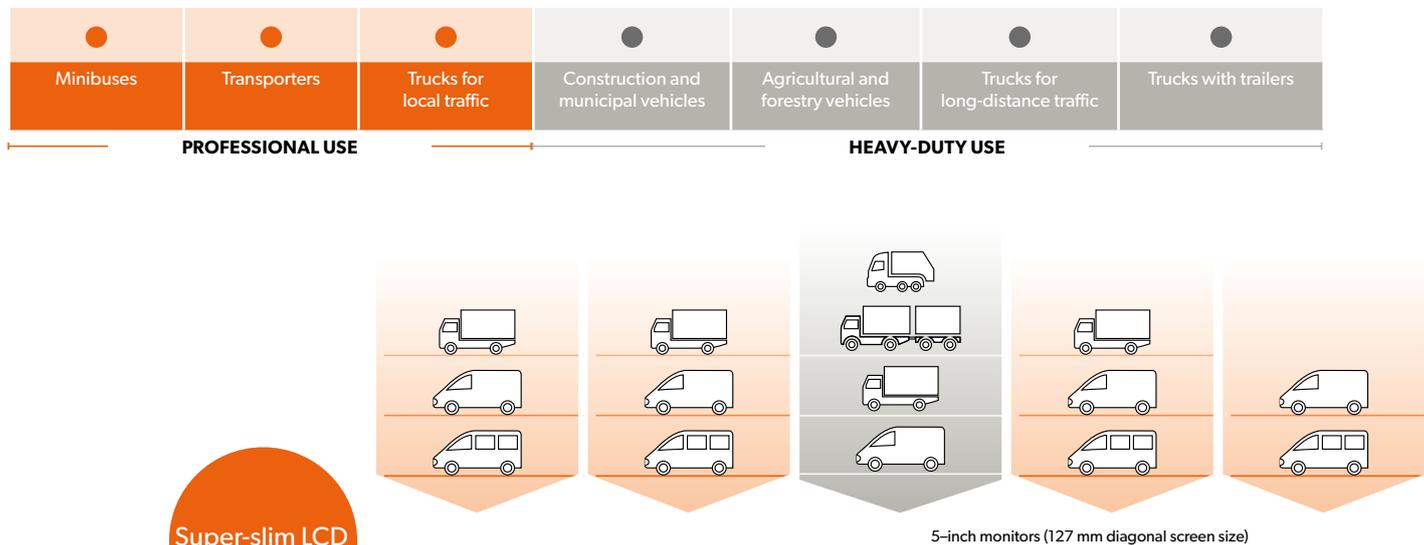
Water-proof
according to
IP 69K



DECISION AID

The following table gives you an overview of all the PerfectView complete systems currently available. Whether it's a truck or transporter, standard application or heavy-duty – you will find “your

system” here! The recommended applications mainly depend on the system camera used.

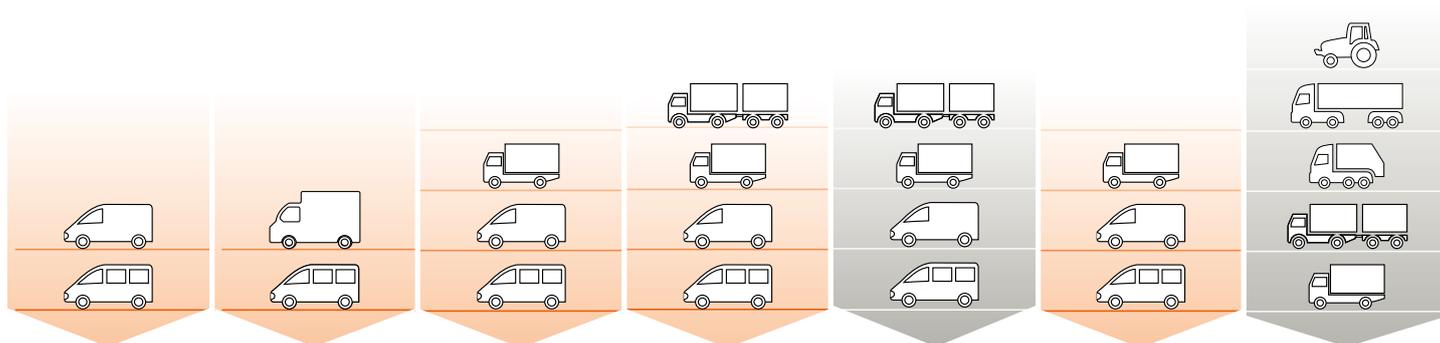


Super-slim LCD monitors

SYSTEM	 RVS 545 / W	 RVS 555X	 RVS 580 / X	 RVS 594 / W	 RVS 536
Ref. No.	9600000562 / 9600000564	9600000079	9600000073 / 9600000081	9600000075 / 9600000143	96000000561
/ Monitor	M 55L	M 55LX	M 55L / M 55LX	M 55L	M 55L
Operating voltage	11 to 30 volts DC	11 to 30 volts DC	11 to 30 volts DC	11 to 30 volts DC	11 to 30 volts DC
Power consumption	8 watts	8 watts	8 watts	8 watts	8 watts
Resolution	384,000 pixels	384,000 pixels	384,000 pixels	384,000 pixels	384,000 pixels
LED background illumination	•	•	•	•	•
Video standard	PAL auto	NTSC / PAL auto	NTSC / PAL auto	PAL auto	NTSC / PAL auto
Number of camera inputs	3	L: 3 / LX: 4	L: 3 / LX: 4	3	3
Day / night dimmer	automatic LDR	automatic LDR	automatic LDR	automatic LDR	automatic LDR
Distance scale	via camera	—/adjustable	—/adjustable	via camera	—
Mirrored picture function	can be set	can be set	can be set	can be set	can be set
Loudspeaker	•	•	•	•	•
Vibration resistance	6 g	6 g	6 g	6 g	6 g
Temperature range	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
/ Camera	CAM 45	CAM 55	CAM 80CM	CAM 44	CAM 35
Image sensor	1/4" CCD	1/4" CMOS	1/3" CCD	1/3" close range vision / 1/4" long range vision	1/4" CMOS
Resolution	250,000 pixels	307,000 pixels	270,000 pixels	290,000 pixels	345,000 pixels
Horizontal/vertical/diagonal picture angle	80° / 65° / 120°	100° / 70° / 120°	100° / 72° / 145°	100° / 72° / 140° / 35° / 28° / 50°	140° / 95° / 70° / 150°
Light sensitivity (lux)	< 1 (with LED 0)	< 1 (with LED 0)	< 0.5 (with LED 0)	< 1 (with LED 0)	< 1.5
Video standard	PAL	PAL	PAL	PAL	NTSC
Electronic brightness adjustment	•	•	•	•	•
IR LED for optimum night-time vision	•	•	•	•	•
Integrated microphone	•	•	•	•	—
Heating	•	•	•	—	—
Motor-operated camera shutter	—	—	•	•	—
Vibration resistance	10 g	10 g	6 g	6 g	10 g
Protection class	IP 69K	IP 69K	IP 69K	IP 68	IP 69K
Mirrored picture function	can be set	can be set	can be set	factory-preset	factory-preset
Temperature range	-20 to +70 °C	-30 to +70 °C	-20 to +65 °C	-30 to +70 °C	-30 to +70 °C
	see page 12/13	see page 15	see page 16/19	see page 20	see page 25

The perfect system to suit your application is not in the table? No problem, we will gladly configure a tailor-made solution for you. The modular PerfectView range offers various combination and

extension options. All components, cables, plug connections and accessories are coordinated and perfectly compatible.



7-inch monitors (178 mm diagonal screen size)

						
RVS 535	RVS 729	RVS 745 / W	RVS 755X	RVS 780 / X	RVS 794 / W	RVS 764X
9600000078	9600000194	9600000563 / 9600000565	9600000080	9600000074 / 9600000082	9600000076 / 9600000145	9600000083
M 55L	M 7LS	M 7LS	M 75L / M 75LX	M 75L / M 75LX	M 75L	M 75LX
11 to 30 volts DC	11 to 16 volts DC	11 to 16 volts DC	11 to 30 volts DC	11 to 30 volts DC	11 to 30 volts DC	11 to 30 volts DC
8 watts	8 watts	8 watts				
384,000 pixels	337,000 pixels	337,000 pixels	384,000 pixels	384,000 pixels	384,000 pixels	384,000 pixels
•	•	•	•	•	•	•
NTSC / PAL auto	NTSC / PAL auto	NTSC / PAL auto				
3	2	2	L: 3 / LX: 4	L: 3 / LX: 4	3	4
automatic LDR	automatic LDR	automatic LDR				
—	—	—	—/adjustable	—/adjustable	via camera	adjustable
can be set	via monitor	via monitor	can be set	can be set	can be set	can be set
•	•	•	•	•	•	•
6 g	5 g	5 g	6 g	6 g	6 g	6 g
-20 °C to +70 °C	-20 °C to +65 °C	-20 °C to +65 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
CAM 29BKS	CAM 29S	CAM 45	CAM 55	CAM 80CM	CAM 44	CAM 604
1/4" CMOS	1/4" CMOS	1/4" CCD	1/4" CMOS	1/3" CCD	1/3" close range vision / 1/4" long range vision	1/4" CMOS
307,000 pixels	307,000 pixels	250,000 pixels	307,000 pixels	270,000 pixels	290,000 pixels	approx. 400,000 pixels
115° / 90° / 150°	115° / 90° / 150°	80° / 65° / 120°	100° / 70° / 120°	100° / 72° / 145°	100° / 72° / 140° / 35° / 28° / 50°	140° / 94° / 153° / 63° / 52° / 83°
< 1	1	< 1 (with LED 0)	< 1 (with LED 0)	< 0.5 (with LED 0)	< 1 (with LED 0)	< 1 (with LED 0)
NTSC	NTSC	PAL	PAL	PAL	PAL	PAL
•	•	•	•	•	•	•
•	•	•	•	•	•	•
—	—	•	•	•	•	•
—	—	•	•	•	—	•
—	—	—	—	•	•	—
8 g	8 g	10 g	10 g	6 g	6 g	10 g
IP 68	IP 68	IP 69K	IP 69K	IP 69K	IP 68	IP 69K
factory-preset	factory-preset	can be set	can be set	can be set	factory-preset	factory-preset
-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-30 to +70 °C	-20 to +65 °C	-30 to +70 °C	-30 to +70 °C
see page 25	see page 24	see page 12/13	see page 15	see page 17/19	see page 21	see page 22/23



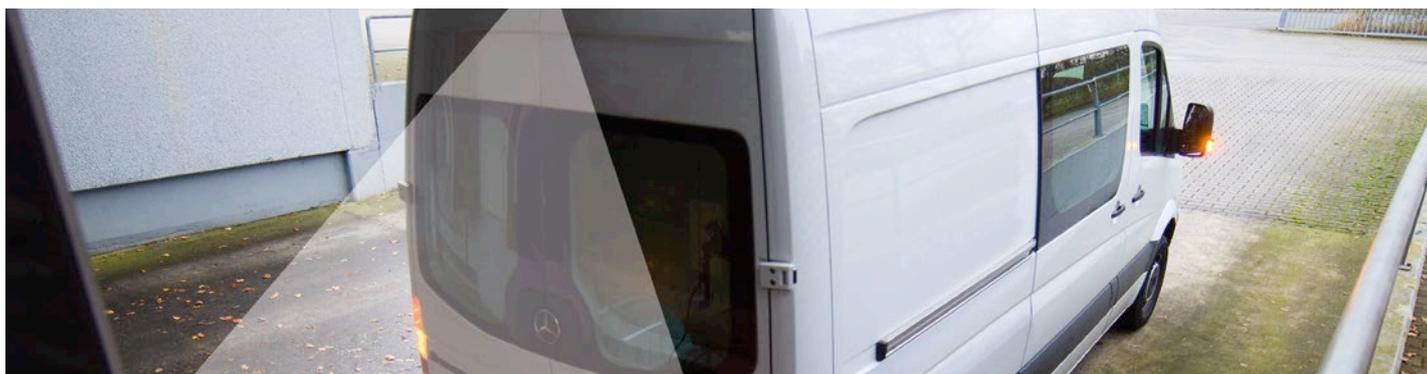
Matching accessories for reversing video systems – e.g. for connection of an additional camera – can be found on pages 64 – 69.



SUPER-FLAT MONITOR PLUS LED COLOUR CAMERA: GOOD QUALITY AT A GOOD PRICE

High-quality components and modern technology: These Dometic PerfectView LCD reversing video systems provide impressive equipment at a reasonable price. The super-slim LCD colour monitors PerfectView M 55L and M 75L impress with their elegant design and brilliant picture quality. Digital control technology provides fast turn-on times and trouble-free operation even in extreme heat.

The compact color camera PerfectView CAM 45 provides a comfortable picture angle of 120° and is equipped with infrared LEDs, temperature-controlled heating and a microphone. Separately arranged LEDs ensure glare-free night vision. Two additional cameras can be connected.





DOMETIC PERFECTVIEW RVS 545 / 545W

Reversing video system with digital 5" LCD monitor and small colour camera

MONITOR M 55L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Picture settings can be saved for three camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 45 / 45W

- 1/4" CCD picture sensor (PAL)
- Normal or mirrored picture function
- Picture angle: 120° diagonal
- Microphone
- Temperature-controlled heater
- Separate IR-LEDs for optimal night-time vision
- Protection class: IP 69K

Technical data p. 10, 11, 29

Suitable for



Monitor



Camera



Installation



Scope of delivery: 5" monitor, camera, 15 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

RVS 545 / Ref. No. 9600000562

RVS 545W / Ref. No. 9600000564



DOMETIC PERFECTVIEW RVS 745 / 745W

Reversing video system with digital 7" LCD monitor and small colour camera

MONITOR M 75L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Image settings can be saved für drei Camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 11

CAMERA CAM 45 / 45W

- 1/4" CCD picture sensor (PAL)
- Normal or mirrored picture function
- Picture angle: 120° diagonal
- Microphone
- Temperature-controlled heater
- Separate IR-LEDs for optimal night-time vision
- Protection class: IP 69K

Technical data p. 10, 11, 29

Suitable for



Monitor



Camera



Installation



Scope of delivery: 7" monitor, camera, 15 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

RVS 745 / Ref. No. 9600000563

RVS 745W / Ref. No. 9600000565



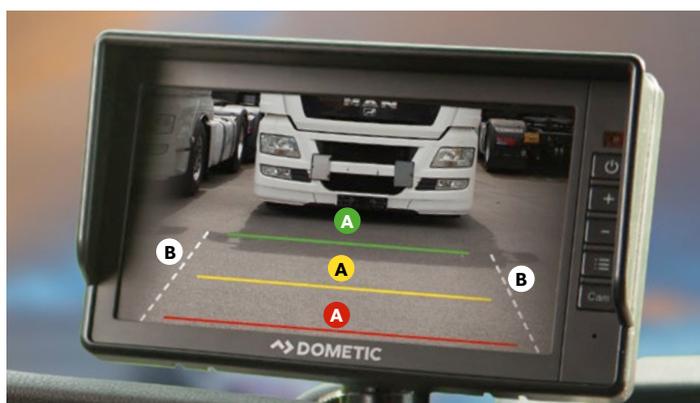
Matching accessories for reversing video systems – e.g. for connection of an additional camera – can be found on pages 64 – 69.



HEAVY-DUTY MONITOR PLUS LED CAMERA: FOR TOUGH TYPES

One class up: For these Dometic PerfectView LCD reversing video systems, we have combined the robust colour camera PerfectView CAM 55 with the heavy-duty LCD monitors of the LX series. A distinguishing feature of this series is the attachable sun shield.

On top of that, LX-series monitors give you the advantage to be able to connect up to four cameras – three with the option to save the settings separately. Side cameras can be controlled via the indicator, trailer cameras come on automatically when reverse gear is engaged. Adjustable distance marks make for convenient manoeuvring.



DISTANCE MARKS ON THE MONITOR FOR CONVENIENT MANOEUVRING

(A) DISTANCE LINES

(B) SIDE LINES

Thanks to the adjustable distance marks, it is immediately apparent what obstacles are in the danger zone. This allows you to safely park a 40-ton truck backwards.



DOMETIC PERFECTVIEW RVS 555X

Reversing video system with digital 5" LCD monitor with distance marks and robust colour camera

Suitable for



Monitor



Camera



Installation



MONITOR M 55LX

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 55

- Input voltage range: 10 – 32 volts
- CMOS image sensor for optimum image quality
- Robust aluminium housing with stainless steel bracket
- Optimised bracket base for reliable sealing of the cable ducting
- Protection class: IP 69K
- 10 g vibration-resistant; 50 g shock-resistant
- Microphone
- Separately arranged LEDs for glare-free night vision

Technical data p. 10, 11, 29

Scope of delivery: 5" monitor, colour camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components, sun shield

Ref. No. 9600000079



DOMETIC PERFECTVIEW RVS 755X

Reversing video system with digital 7" LCD monitor with distance marks and robust colour camera

Suitable for



Monitor



Camera



Installation



MONITOR M 75LX

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- OSD distance marks for convenient manoeuvring
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved für drei Camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 55

- Input voltage range: 10 – 32 volts
- CMOS image sensor for optimum image quality
- Robust aluminium housing with stainless steel bracket
- Optimised bracket base for reliable sealing of the cable ducting
- Protection class: IP 69K
- 10 g vibration-resistant; 50 g shock-resistant
- Microphone
- Separately arranged LEDs for glare-free night vision

Technical data p. 10, 11, 29

Scope of delivery: 7" monitor, colour camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components, sun shield

Ref. No. 9600000080



Matching accessories for reversing video systems – e.g. for connection of an additional camera – can be found on pages 64 – 69.

WELL PROTECTED AGAINST DUST AND DIRT CAMERA WITH MOTOR-OPERATED COVER

COMPACT MONITOR PLUS COLOUR SHUTTER CAMERA

With these two PerfectView system versions, the new LCD monitors of the L series team up with a robust colour camera, which is protected against dust and stone chips by a motor-operated cover and is fitted with a temperature-controlled heater.



DOMETIC PERFECTVIEW RVS 580

Reversing video system with digital 5" LCD monitor and colour shutter camera

MONITOR M 55L

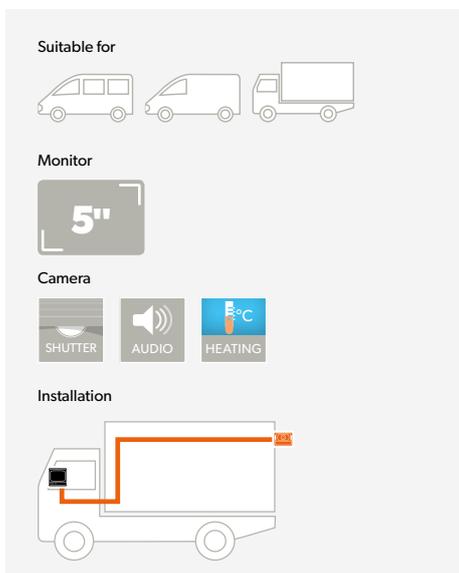
- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Picture settings can be saved for three camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 80CM

- Compact colour shutter camera with large 145° picture angle
- 1/3" colour CCD camera (PAL) with LED
- Normal or mirrored picture function
- Automatic, motor-operated camera cover to protect the lens from dirt
- Ideal for installation in high-up or difficult-to-access areas
- Microphone
- Temperature-controlled heater
- Electronic brightness adjustment
- LDR-controlled IR LEDs

• Technical data p. 10, 11, 29



Scope of delivery: 5" monitor, camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Ref. No. 9600000073



DOMETIC PERFECTVIEW RVS 780

Reversing video system with digital 7" LCD monitor and colour shutter camera

MONITOR M 75L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Image settings can be saved für drei Camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 11

CAMERA CAM 80CM

- Compact colour shutter camera with large 145° picture angle
- 1/3" colour CCD camera (PAL) with LED
- Normal or mirrored picture function
- Automatic, motor-operated camera cover to protect the lens from dirt
- Ideal for installation in high-up or difficult-to-access areas
- Microphone
- Temperature-controlled heater
- Electronic brightness adjustment
- LDR-controlled IR LEDs

- **Technical data p. 10, 11, 29**

Suitable for



Monitor



Camera



Installation



Scope of delivery: 7" monitor, camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Ref. No. 9600000074



Matching accessories for reversing video systems – e.g. for connection of an additional camera – can be found on pages 64 – 69.

HEAVY-DUTY MONITOR WITH SHUTTER CAMERA: A POWERFUL TEAM!

Manoeuvring a heavy vehicle on rough ground with perfect ease – it's possible with our two professional systems. As soon as reverse gear is engaged, the CAM 80CM delivers pictures from the critical area behind the vehicle. The monitor automatically displays the manoeuvring aid. The system is 100% reliable, because the distance marks have been adapted exactly to the vehicle dimensions.

For perfect visibility around the vehicle, the package solution can be upgraded by adding further cameras, e.g. a side camera that comes on automatically as you touch the indicator. Up to four cameras can be connected to one monitor.

THE HEAVY-DUTY MONITORS FROM DOMETIC PROVIDE THREE ADDITIONAL BENEFITS.



FIRST THEY HAVE FOUR CAMERA INPUTS.

SECOND THEY FEATURE DISTANCE MARKS TO DEFINE THE BORDERS OF THE DANGER ZONE.

THIRD EACH UNIT IS SUPPLIED WITH AN ATTACHABLE SUN SHIELD.



Suitable for



Monitor



Camera



Installation



DOMETIC PERFECTVIEW RVS 580X

Reversing video system with digital 5" LCD monitor and colour shutter camera

MONITOR M 55LX

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image setting can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 80CM

- Compact colour shutter camera with large 145° picture angle
- 1/3" colour CCD camera (PAL) with LED
- Normal or mirrored picture function
- Automatic, motor-operated camera cover to protect the lens from dirt
- Ideal for installation in high-up or difficult-to-access areas
- Microphone
- Temperature-controlled heater
- Electronic brightness adjustment
- LDR-controlled IR LEDs

• Technical data p. 10, 11, 29

Scope of delivery: 5" monitor, colour camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components, sun shield

Ref. No. 960000081



Suitable for



Monitor



Camera



Installation



DOMETIC PERFECTVIEW RVS 780X

Reversing video system with digital 7" LCD monitor and colour shutter camera

MONITOR M 75LX

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Technical data p. 11

CAMERA CAM 80CM

- Compact colour shutter camera with large 145° picture angle
- 1/3" colour CCD camera (PAL) with LED
- Normal or mirrored picture function
- Automatic, motor-operated camera cover to protect the lens from dirt
- Ideal for installation in high-up or difficult-to-access areas
- Microphone
- Temperature-controlled heater
- Electronic brightness adjustment
- LDR-controlled IR LEDs

• Technical data p. 10, 11, 29

Scope of delivery: 7" monitor, colour camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components, sun shield

Ref. No. 960000082

FOR OPTIMAL CLOSE RANGE AND LONG RANGE VISION REVERSING VIDEO SYSTEM WITH TWIN CAMERA:

In reverse gear, the monitor transmits an accurate picture of the area directly behind the vehicle. During the drive the system switches over to long range vision so you have the traffic situation a long way behind your vehicle fully in view. The technology behind this dual function is provided by the world's smallest shutter camera.

The CAM 44 has two separate camera modules – a 140° wide-angle lens for close range vision and a 50° lens for long range vision that looks through the opening when the shutter is closed.



CAM 44
now available
in white!



DOMETIC PERFECTVIEW RVS 594 / 594W

Reversing video system with digital 5" LCD monitor and colour twin camera with shutter

MONITOR M 55L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Image settings can be saved for three camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 10

COLOUR SHUTTER CAMERA CAM 44 / 44W

- Smallest colour twin camera with shutter and extra-wide picture angle
- Colour CMOS camera (PAL) with LED
- Large picture angle in close range (140° diagonal)
- Telefunction in long range (50° diagonal)
- Operated via the two camera inputs in the monitor
- Automatic, motor-operated camera cover
- Ideal for high-up or difficult-to-access areas thanks to motor-operated camera cover
- Microphone
- Distance marks in reversing mode

Technical data p. 10, 11, 30

Suitable for



Monitor



Camera



Installation



Scope of delivery: 5" digital colour LCD monitor, colour twin camera with shutter, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Monitor M 55L + Colour shutter camera CAM44 silver / Ref. No. 9600000075

Monitor M 55L + Colour shutter camera CAM44 white / Ref. No. 9600000143



TWO LENSES: ONE FOR CLOSE RANGE, ONE FOR LONG RANGE



EVEN WHEN THE SHUTTER IS CLOSED, LONG-RANGE PICTURES ARE STILL POSSIBLE TO THE REAR.



DOMETIC PERFECTVIEW RVS 794 / 794W

Reversing video system with digital 7" LCD monitor and colour twin camera with shutter

MONITOR M 75L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Image settings can be saved für drei Camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 11

COLOUR SHUTTER CAMERA CAM 44 / 44W

- Smallest colour twin camera with shutter and extra-wide picture angle
- Colour CMOS camera (PAL) with LED
- Large picture angle in close range (140° diagonal)
- Telefunction in long range (50° diagonal)
- Operated via the two camera inputs in the monitor
- Automatic, motor-operated camera cover
- Ideal for high-up or difficult-to-access areas thanks to motor-operated camera cover
- Microphone
- Distance marks in reversing mode

Technical data p. 10, 11, 30

Suitable for



Monitor



Camera



Installation



Scope of delivery: 7" digital colour LCD monitor, colour twin camera with shutter, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Monitor M 75L + Colour shutter camera CAM 44 silver / Ref. No. 9600000076

Monitor M 75L + Colour shutter camera CAM 44 white / Ref. No. 9600000145



DOMETIC PERFECTVIEW RVS 764X

This professional solution meets highest demands. You always have everything in sight – when manoeuvring, during the drive and even at night. Our dream team takes care of that – the 2-step zoom camera CAM 604 in interplay with the 7" LCD monitor M 75LX.



PERFECT 2-STEP CLOSE AND LONG RANGE VISION

When manoeuvring in reverse gear, the CAM 604 shows you the area directly behind the vehicle – the images are crystal-clear, without distorted curved lens effects. During the drive the 2-step zoom camera switches over to long range vision. Thanks to LED support, it also provides high-contrast pictures at night.

DIGITAL MONITOR WITH MANOEUVRING AID

The high quality 7" LCD monitor provides excellent image quality. Adjustable distance marks allows you to park even a 40-tonne truck backwards with ease. The M 75LX has four camera inputs – two for the CAM 604, and another two for additional cameras.



CLOSE RANGE VISION



LONG RANGE VISION



NIGHT VISION



DOMETIC PERFECTVIEW RVS 764X

Reversing video system with digital 7" LCD monitor and 2-step zoom camera

MONITOR M 75LX

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

• **Technical data p. 11**

CAMERA CAM 604

- Extra-large diagonal picture angle: 153° in close range, 83° in long range
- Replaces the inside rear-view mirror if required
- Infra-red LEDs for improved night vision
- Temperature-controlled heater
- Integrated microphone
- Replaceable stone chip protection screen
- Camera requires 2 monitor signal inputs
- Factory pre-mirrored
- Anodised and powder-coated aluminium housing with stainless steel mount
- Electronic brightness adjustment
- Test marks: ISO 16750-2 2010-03, ISO 16750-3 4.1.2.4 2007-08

Technical data p. 11, 30

Suitable for



Monitor



Camera



Installation



Scope of delivery: 7" monitor, 2-step zoom camera, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components, Sonnenblende

Ref. No. 960000083

PICTURE ANGLE OF THE CAM 604



CUSTOM SOLUTIONS FOR PANEL VANS

Many panel vans just don't have a suitable mounting surface for a camera on the rear. The obvious alternative is to install the camera in a compact mounting casing or in the brake light console. The PerfectView programme offers three convincing solutions for this.

The new system RVS 729 is recommended for box trucks with limited space at the rear. In this model, we have combined a good 7" monitor with an extremely compact installation camera which can be mounted vertically.

For our special solutions RVS 535 and 536, we have packed the cylinder camera CAM 29 into a flat, vehicle-specific brake light console. This is mounted with the original brake light with no additional drilling required.



DOMETIC PERFECTVIEW RVS 729

Reversing video system with digital 7" LCD monitor and colour cylinder camera in the installation housing

MONITOR M 7LS

- Digital LCD panel with LED background illumination
- For 11 to 16 volts operating voltage
- Normal or mirrored picture function
- Two camera inputs
- Image settings can be saved for two camera inputs
- Auto dimmer function

CAMERA CAM 29S

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Water-proof IP 68
- For particularly narrow installation areas

Technical data p. 11

Technical data p. 11, 32

Suitable for



Monitor



Camera



Installation



Scope of delivery: 7" monitor, colour cylinder camera incl. 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Ref. No. 960000194



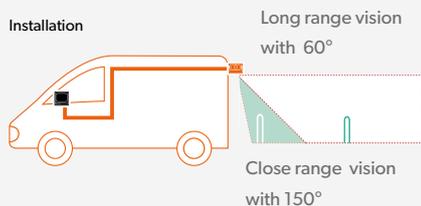
Suitable for



Monitor



Installation



DOMETIC PERFECTVIEW RVS 535

Reversing video system with digital 5" LCD monitor and colour cylinder camera in a brake light console

MONITOR M 55L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Picture settings can be saved for three camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 29BKS

- Colour cylinder camera (NTSC), integrated in a vehicle-specific brake light console
- Suitable for VW Crafter (up to 2017 model), Mercedes-Benz Sprinter
- Simple, clean mounting with the original brake light – existing drill holes are used
- Factory pre-mirrored
- High light sensitivity
- Electronic brightness adjustment
- Protection class: IP 68
- Wide-angle lens with large picture angle (150° diagonal)

Technical data p. 11, 33

Scope of delivery: 5" monitor, colour cylinder camera incl. brake light console, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Ref. No. 9600000078



Suitable for



Monitor



Camera

Installation



DOMETIC PERFECTVIEW RVS 536

Reversing video system with digital 5" LCD monitor and colour cylinder camera in a brake light console

MONITOR M 55L

- Digital LCD panel with LED background illumination
- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- Normal or mirrored picture function
- Three camera inputs, including 1 with signal recognition
- Picture settings can be saved for three camera inputs
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Elegant monitor base with concealed cable routing

Technical data p. 10

CAMERA CAM 35

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal) integrated as standard
- Far view camera (60° diagonal) can be retrofitted
- For FIAT Ducato X250, X290 and its sister models
- Installed in the original brake light
- Housing can be painted
- Suitable for multi-media devices with two adjustable video inputs

Technical data p. 10, 33

Scope of delivery: 5" monitor, colour cylinder camera incl. brake light console, 20 m connection cable from the monitor to the camera, monitor cable set, installation fittings for all components

Ref. No. 9600000561

Long range visionkamera / Ref. No. 9102000135

PERFECTVIEW CAM 360

ALL-AROUND VIEW CAMERA/MONITOR SYSTEM



Our new CAM 360 system gives you a perfect, all-around view. You can see the vehicle's position and the surrounding objects, face tricky parking manoeuvres with ease and minimise the risk of bumps, scrapes and traffic accidents.

Four cameras with extra-wide-angle lenses installed on the front, rear, left and right collect images of what is happening around your vehicle and send them to the monitor in your cockpit. The control box, being the core component of this smart solution, manages everything. Integrating a video splitter, it gives you various view options – front, side, rear or 360° bird view. Using the handy remote control, you can easily access the view you want in the situation at hand.

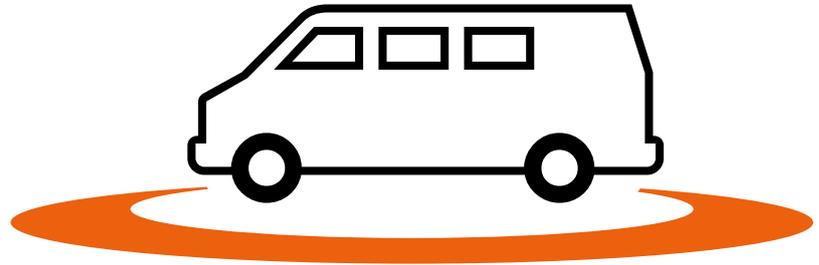


ADVANCED DRIVING ASSISTANT SYSTEM

BENEFITS

- 360° view all around your vehicle
- Perfect control over the vehicle's position and surrounding objects
- Easy manoeuvring, even with a bulky vehicle
- Avoids bumps, scrapes and accidents
- Convenient shifting between views by remote control or trigger signal

360°



DOMETIC PERFECTVIEW CAM 360

All-around view system with four cameras and a monitor

Around view monitoring system with four cameras to create a 360° observation area around a vehicle. The system is equipped with a RCA connector (A/V) to fit to devices with an A/V Input.

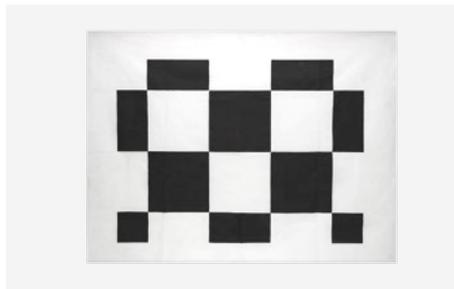
- Complete 360° view all around your vehicle
- Safer and more confident driving with full view of vehicle and surrounding objects
- Convenient shifting between views by remote control or trigger signal

Ref. No. 9600000511



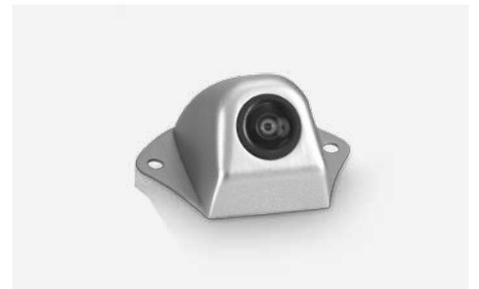
REMOTE CONTROL

Convenient shifting between views



CALIBRATION PATTERN

Needed for calibration



CAMERA

With 180° wide-angle lens, heavy-duty design

MONITORS AND CAMERAS

Do you want to upgrade a reversing video system with a camera for the front, side or trailer? Go ahead, the PerfectView range gives you plenty of options.

The vehicle is equipped with a navigation system? Then you can easily connect a reversing camera to the navigation monitor!



MONITORS OF THE PERFECTVIEW L SERIES

Inputs for **up to 3 cameras** (1 with signal recognition). Image settings can be saved. Connection of side cameras via the indicator. Automatic recognition of a trailer camera.

Scope of delivery

Monitor, cable set, installation fittings



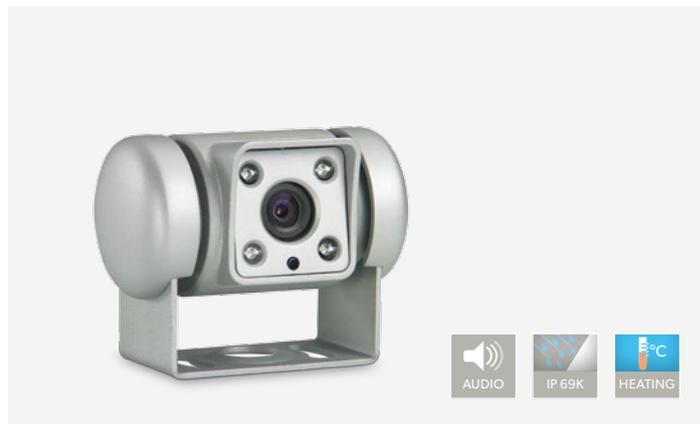
MONITORS OF THE PERFECTVIEW LX SERIES

Inputs for **up to 4 cameras** (1 with signal recognition). Image settings can be saved. Connection of side cameras via the indicator. Automatic recognition of a trailer camera.

Scope of delivery

Monitor, cable set, installation fittings, sun shield

Technical data of monitors see page 10, 11



DOMETIC PERFECTVIEW CAM 45/W/NAV

Small colour camera with closed housing for nearly invisible guidance of cable

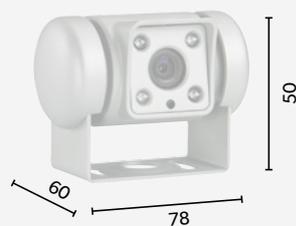
- 1/4" CCD picture sensor (PAL)
- Normal or mirrored picture function
- Picture angle: 120° diagonal
- Microphone
- Temperature-controlled heater
- Separate IR-LEDs for optimal night-time vision
- Protection class: IP 69K
- Scope of delivery: camera, 15 m system cable, installation fittings, (CAM 45NAV: adapter cable for connection to navigation device)

Ref. No. CAM 45, silver / 9600000523

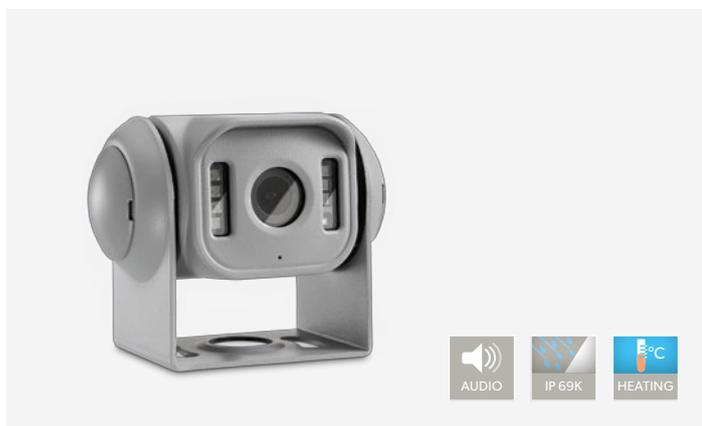
Ref. No. CAM 45W, white / 9600000524

Ref. No. CAM 45NAV, silver / 9600000525

Ref. No. CAM 45W NAV, white / 9600000526



Dimensions	78 x 50 x 60 mm (incl. mount)
Operating voltage	11 to 16 volts DC
Power consumption	1.5 watts
Image sensor	1/4" CCD
Resolution	250,000 pixels
Picture angle	120° diagonal, h: approx. 80°, v: approx. 65°
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-20 °C to +70 °C
Colour	silver/white
Vibration resistance	10 g
Weight	200 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-certified, ISO 16750



DOMETIC PERFECTVIEW CAM 55/NAV

Robust colour camera with extended input voltage range

- CMOS image sensor for optimum image quality
- Robust aluminium housing with stainless steel bracket
- Picture angle: 120° diagonal
- Separately arranged LEDs for glare-free night vision
- Input voltage range: 10 – 32 volts
- Scope of delivery: camera, 20 m system cable, installation fittings, (CAM 55NAV: adapter cable for connection to navigation device)

Ref. No. CAM 55 / 9600000555

Ref. No. CAM 55NAV / 9600000558



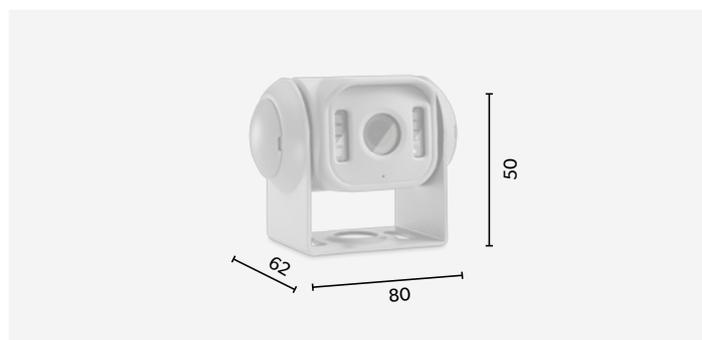
DOMETIC PERFECTVIEW CAM 80CM/NAV

Compact colour shutter camera with large picture angle

- Robust camera with motor-operated cover
- Active infrared light for optimal night vision
- Wide-angle lens with large picture angle (145° diagonal)
- Scope of delivery: camera, 20 m system cable, installation fittings, (CAM 80CM NAV: connecting box for connection to navigation device)

Ref. No. CAM 80CM / 9600000049

Ref. No. CAM 80NAV / 9600000050



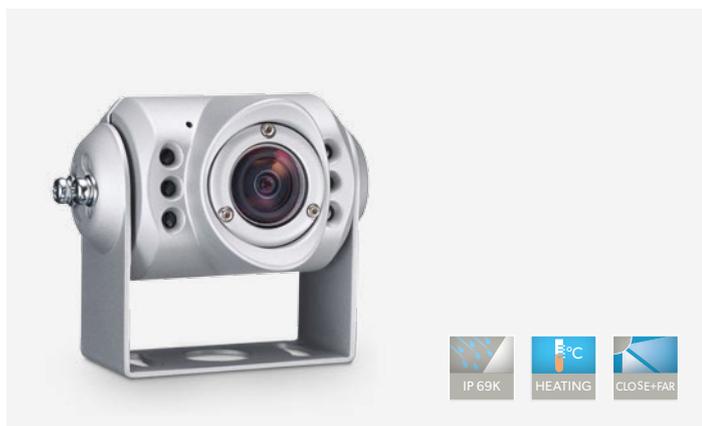
Dimensions	80 x 50 x 62 mm (incl. mount)
Operating voltage	10 to 32 volts DC
Power consumption	4.1 watts
Image sensor	1/4" CMOS
Resolution	300,000 pixels
Picture angle	120° diagonal, h: approx. 100° v: approx. 70°
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-30 °C to +70 °C
Colour	silver
Vibration resistance	10 g
Weight	165 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-certified, ISO 16750



Dimensions	106 x 68 x 54 mm (incl. mount)
Operating voltage	11 to 16 volts DC
Power consumption	1.8 watts with heater
Image sensor	1/3" CCD
Resolution	290,000 pixels
Picture angle	145° diagonal, h: approx. 100° v: approx. 72°
Light sensitivity	< 0,5 Lux, 0 with LED
Video standard	PAL
Operating temperature	-20 °C to +65 °C
Colour	silver
Vibration resistance	6 g
Weight	350 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-certified, ISO 16750

SAFETY & SECURITY

ADDITIONAL AND EXTENSION CAMERAS



DOMETIC PERFECTVIEW CAM 604/NAV

Compact 2-step zoom colour camera

- Extra-large diagonal picture angles: 153° in close range, 83° in long range
- Replaces the inside rear-view mirror if required
- Separate IR LED for improved night vision
- Replaceable stone chip protection screen
- IP 69K
- Scope of delivery: camera, installation fittings (CAM 604NAV: 20 m system cable, adapter cable for connection to navigation device)

Ref. No. CAM 604 / 9600000041

Ref. No. CAM 604NAV / 9600000042



DOMETIC PERFECTVIEW CAM 44/NAV

Smallest colour twin camera with shutter

- Large picture angle in close range (140° diagonal)
- Telefunction in long range (50° diagonal)
- Automatic, motor-operated camera cover
- Distance marks in reversing mode
- Scope of delivery: camera, 20 m system cable, installation fittings (CAM 44NAV / CAM 44W NAV): Connection box AMP 100 for connection to navigation device

Ref. No. CAM 44 / 9600000043

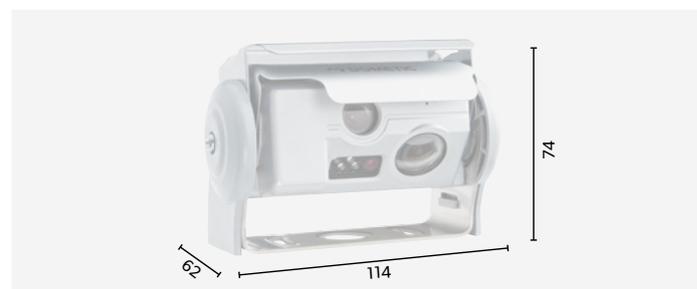
Ref. No. CAM 44NAV / 9600000140

Ref. No. CAM 44W / 9600000044

Ref. No. CAM 44W NAV / 9600000141



Dimensions	83 x 70 x 57 mm (incl. mount)
Operating voltage	10 to 16 volts DC
Power consumption	max. 6 watts
Image sensor	1/4" CMOS
Resolution	approx. 400,000 pixels
Picture angle	Close range: 153° diagonal, h: approx. 140° v: approx. 94° Long range: 83° diagonal, h: approx. 63° v: approx. 52°
Light sensitivity	< 1 Lux; 0 with LED
Video standard	PAL
Operating temperature	-30 °C to 70 °C
Colour	silver
Vibration resistance	10 g
Weight	approx. 300 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 69K
Test marks	E-certified, ISO 16750



Dimensions	114 x 74 x 62 mm
Operating voltage	12 to 16 volts DC
Power consumption	approx. 1.2 watts
Image sensor	1/3" CMOS (close range vision), 1/4" CMOS (long range vision)
Resolution	290,000 pixels
Picture angle	close range vision: 140° diagonal, h: approx. 100° v: approx. 72° long range vision: 50° diagonal, h: approx. 35° v: approx. 28°
Light sensitivity	< 1 Lux; 0 with LED
Video standard	PAL
Operating temperature	-30 °C to +70 °C
Colour	silver or white
Vibration resistance	6 g
Weight	360 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 68
Test marks	E-certified



DOMETIC PERFECTVIEW 40

Ball cameras with LED and very flexible mounts for accurate alignment

- Normal or mirrored picture function
- Sturdy, waterproof aluminium housing
- Electronic brightness adjustment
- LDR-controlled IR LEDs
- Wide-angle lens with large picture angle
- Scope of delivery: camera, 20 m system cable, installation fittings

Ref. No. CAM 40C / 9600000056



DOMETIC PERFECTVIEW CAM 18/NAV

Colour ball camera

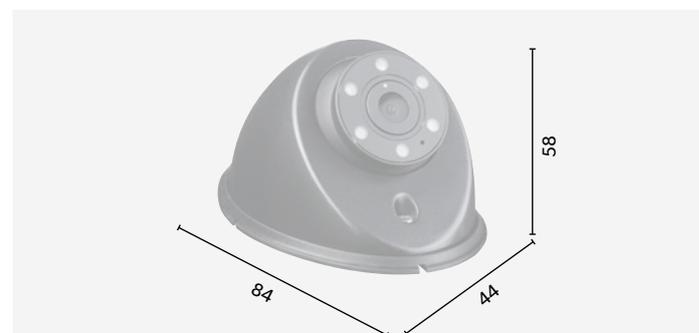
- Ideal for use as side camera
- Sturdy ABS plastic housing
- Adjustable ball camera
- Microphone
- LDR-controlled IR LEDs
- Distance scale
- Normal or mirrored picture function
- Scope of delivery: camera, 20 m system cable, installation fittings (CAM 18NAV: adapter cable for connection to navigation device)

Ref. No. CAM 18 / 9600000053

Ref. No. CAM 18NAV / 9600000054



Dimensions	72 x 60 x 63 mm (incl. mount)
Operating voltage	11 to 16 volts DC
Power consumption	approx. 1,8 watts
Image sensor	1/4" CCD sensor
Resolution	270,000 pixels
Picture angle	120°/130° diagonal, h: approx. 90° v: approx. 70°
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-20 °C to +65 °C
Colour	black
Vibration resistance	8 g
Weight	200 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 68
Test marks	E-approval



Dimensions	84 x 58 x 44 (incl. mount)
Operating voltage	11 to 16 volts DC
Power consumption	max. 1 watts
Image sensor	1/3" CMOS
Resolution	355,000
Picture angle	140° diagonal; h: approx. 110° v: approx. 85°
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-20 °C to +70 °C
Colour	black
Vibration resistance	6 g
Weight	100 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-approval

SAFETY & SECURITY

ADDITIONAL AND EXTENSION CAMERAS



DOMETIC PERFECTVIEW CAM 29

Cylinder camera

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Waterproof according to IP 68
- Ideal for inconspicuous installation

Suitable for connection to multimedia systems in transporters

Adapter for connection to Original Flat navigation system UConnect / Ref. No. 9102200184 (only for vehicles with video preparation)

Adapter for connection to Original Iveco Daily multimedia system IVEConnect / Ref. No. 9600000230

Adapter for connection to Original MB multimedia system AUDIO 15: RVMB1 / Ref. No. 9600000234 (for vehicles without video preparation)

Adapter for connection to Original VW Crafter multimedia System RSD4000 / RNS6000 / Ref. No. 9600000234

Ref. No. 9600000203



DOMETIC PERFECTVIEW CAM 29S

Compact installation camera

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Waterproof according to IP 68
- Specially for vehicles with box bodies

Suitable for connection to multimedia systems in transporters

Adapter for connection to Original Flat navigation system UConnect / Ref. No. 9102200184 (only for vehicles with video preparation)

Adapter for connection to Original Iveco Daily multimedia system IVEConnect / Ref. No. 9600000230

Adapter for connection to Original MB multimedia system AUDIO 15: RVMB1 / Ref. No. 9600000234 (for vehicles without video preparation)

Adapter for connection to Original VW Crafter multimedia System RSD4000 / RNS6000 / Ref. No. 9600000234

Ref. No. 9600000199



Dimensions	17 x 26 mm (Ø x T)
Operating voltage	11 to 16 volts DC
Power consumption	approx. 1 watts
Image sensor	1/4" CMOS
Resolution	307,000 pixels
Picture angle	150° diagonal, h: approx. 115° v: approx. 90°
Light sensitivity	< 0,5 Lux; 0 Lux with LED
Video standard	NTSC
Operating temperature	-20 °C to +70 °C
Colour	black
Vibration resistance	8 g
Weight	60 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 68
Test marks	E-certified



Dimensions	76 x 29 x 33 mm
Operating voltage	11 to 16 volts DC
Power consumption	approx. 1 watts
Image sensor	1/4" CMOS
Resolution	307,000 pixels
Picture angle	150° diagonal, h: approx. 115° v: approx. 90°
Light sensitivity	< 0,5 Lux; 0 Lux with LED
Video standard	NTSC
Operating temperature	-20 °C to +70 °C
Colour	black
Vibration resistance	8 g
Weight	100 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 68
Test marks	E-certified



DOMETIC PERFECTVIEW CAM 35 NAV

Colour camera, integrated in a brake light console

- Colour camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Far view camera (60° diagonal) can be retrofitted
- For FIAT Ducato X250, X290 and its sister models
- Installed in the original brake light
- Housing can be painted
- Scope of delivery: camera, 10 m system cable, installation fittings (CAM 35 NAV: adapter cable for connection to navigation device)

Also suitable for connection to multimedia systems

Adapter for connection to original Fiat navigation system UConnect / Ref. No. 9102200184 (for vehicles with video preparation)

Ref. No. CAM 35 / 9102000134

Ref. No. CAM 35 NAV / 9102000133

Ref. No. CAM 35 Far view camera for retrofitting / 9102000135



Dimensions	375 x 82 x 44 mm (incl. console)
Operating voltage	11 to 16 volts DC
Power consumption	approx. 1 watts
Image sensor	1/4" CMOS
Resolution	345,000 pixels
Picture angle	150° diagonal, h: approx. 95° v: approx. 70°
Light sensitivity	< 1.5 Lux
Video standard	NTSC
Operating temperature	-30 °C to +70 °C
Colour	black
Vibration resistance	10 g
Weight	400 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 69K
Test marks	E-certified



DOMETIC PERFECTVIEW CAM 29BKS/NAV

Color camera integrated in a brake light console

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Fitted in the original brake light
- Waterproof according to IP 68
- Housing can be painted
- Suitable for VW Crafter (up to 2017 model), Mercedes-Benz Sprinter
- Scope of delivery: camera, 20 m system cable, installation fittings (CAM 29BKS NAV: adapter cable for connection to navigation device)

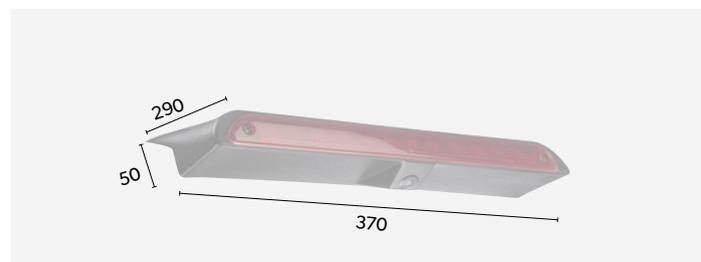
Also suitable for connection to multimedia systems

Adapter for connection to Original MB multimedia system AUDIO 15: RVMB1 / Ref. No. 9600000234 (for vehicles without video preparation)

Adapter for connection to Original VW Crafter multimedia system RSD4000 / RNS6000 / Ref. No. 9600000234

Ref. No. CAM 29BKS / 9600000107

Ref. No. CAM 29BKS NAV / 9600000108



Dimensions	370 x 50 x 290 mm (incl. console)
Operating voltage	11 to 16 volts DC
Power consumption	approx. 1 watts
Image sensor	1/4" CMOS
Resolution	307,000 pixels
Picture angle	150° diagonal, h: approx. 115° v: approx. 90°
Light sensitivity	1 Lux
Video standard	NTSC
Operating temperature	-20 °C to +70 °C
Colour	black
Vibration resistance	8 g
Weight	400 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 68
Test marks	E-certified

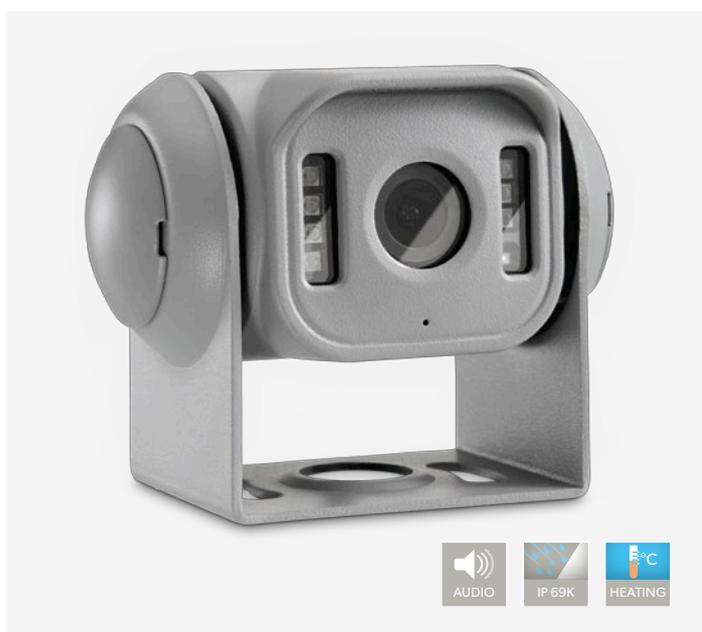


HEAVY DUTY CAMERA SPECIALLY FOR LORRIES AND AGRICULTURAL VEHICLES

Robust aluminium housing, dust and waterproof according to IP 69K, separately arranged LEDs for glare-free night vision and numerous tests passed with ease ... the new CAM 55 from Dometic is optimally equipped for heavy duty use.

With an input voltage range of 10 – 32 volts, this compact camera can be connected to any onboard network. No additional switchbox is necessary.

Using a suitable adapter, the CAM 55 can be easily connected to the original multimedia display in the lorry cabin or the ISO bus terminal of the agricultural vehicle.



DOMETIC PERFECTVIEW CAM 55/NAV

Robust colour camera with extended input voltage range

- Input voltage 10 – 32 V
- CMOS image sensor for optimum picture quality
- Mechanical strains:
 - Shock test: 50 g/6 ms
 - Vibration test: 10 g
- Heat test (to +70°C, measuring period 200 h)
- Cold test (to –30°C, measuring period 48 h)
- Damp test according to IEC 68-2-38
- Salt spray test according to ISO 9227
- Load dump test with modified starter pulse profile according to EN 40839/ISO 7637
- High-pressure jet cleaning at high temperatures: IP 69K test

CAM 55 / Ref. No. 9600000555

CAM 55NAV / Ref. No. 9600000558

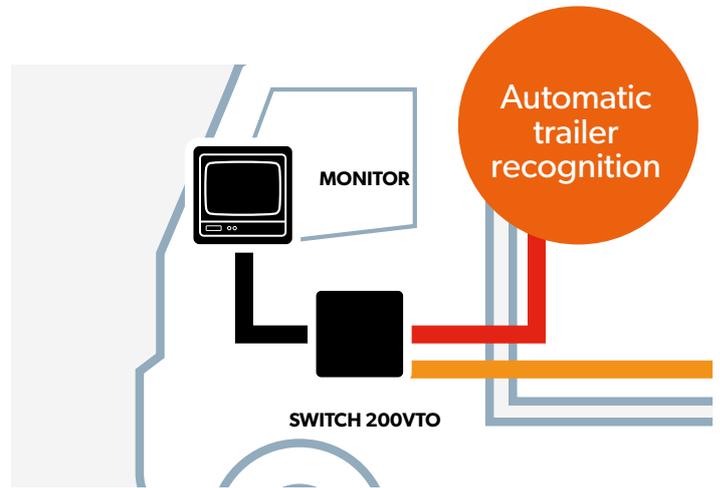
SIMPLY ATTACH – ONLY AN ADAPTER NEEDED!

With conventional reversing cameras, you need a switchbox to attach them to the original multimedia display or ISO bus terminal of the vehicle. Not so with the CAM 55NAV. Here, the vehicle-specific adapter is sufficient. This saves money and makes installation easier,

because the installation work required for the switchbox does not apply. The following table shows suitable adapters for many lorry types and agricultural vehicles.

TRUCK ADAPTER		
VEHICLE	CAM55 9600000555	CAM 55NAV 9600000558
DAF multimedia system	–	plus adapter RVMB2, Ref. No. 9600000231
IVECO IVEconnect multimedia system	–	plus adapter RVMAN1, Ref. No. 9600000230
MAN Topline2/MMT with 351LZ video preparation	plus adapter RV351LZ2N, Ref. No. 9600000240	–
MAN MTA (Media Truck Advanced) with 351MA, 351MC, 351ME, 351MF video preparation	plus adapter RVMAN16W Ref. No. 9600000607	–
Mercedes Actros and Antos J2D multimedia system with J9J video preparation	–	plus adapter RVMB2, Ref. No. 9600000231
MERCEDES Actros and Antos J2D multimedia system without J9J video preparation	–	plus adapter RVMB1, Ref. No. 9600000234
SCANIA Original SCANIA multimedia system	–	plus adapter RVSC1, Ref. No. 9600000231
SCANIA Original SCANIA monitor (Orlaco)	–	plus RVSC2, Ref. No. 9600000232
VOLVO trailer camera, SID High with BUPMON	–	plus RVVO1, Ref. No. 9600000233

AGRAR ADAPTER		
VEHICLE	CAM55 9600000555	CAM 55NAV 9600000558
CLAAS S10 Terminal	plus adapter RVCL1, Ref. No. 9600000245	–
FENDT Vario Terminal	plus adapter RVFE1, Ref. No. 9600000228	–
JOHN DEERE CC4100 & CC4600 Terminal	plus adapter RVJD1, Ref. No. 9600000241	–
JOHN DEERE Green Star 3 2630 Terminal	plus adapter RVJD2, Ref. No. 9102200215	–
KRONE & CCI Group CCI200 Terminal	plus adapter RVCCI1, Ref. No. 9600000242	–
NEW HOLLAND FM-X, XCN-2050 Terminal	plus adapter RVNH1, Ref. No. 9600000243	–
NEW HOLLAND, CNH, CASE IntelliView III & IV (NH, CASE), AFS PRO700 (Case) Terminal	–	plus adapter RVNH2, Ref. No. 9600000244



DOMETIC CAMERAS ON ORIGINAL MULTIMEDIA DISPLAY

PERFECTVIEW SWITCH 200VTO

With the PerfectView SWITCH 200VTO control box and the matching vehicle-specific adapter you can connect two cameras to a pre-installed multimedia display. The cameras are activated automatically or manually. You can manually switch between the two views via the external switch.

Which PerfectView cameras are compatible with which common multimedia systems and which adapter fits with which truck model can be found in the following table on the right side.

AUTOMATIC TRAILER RECOGNITION

Handy for towing vehicles: PerfectView SWITCH 200VTO automatically detects when a trailer is coupled and ensures that the image from the trailer camera appears on the monitor. The Dometic control box is also first choice for heavy-duty applications. Unlike other control boxes available in the market, PerfectView SWITCH 200VTO can also control shutter cameras.



DOMETIC PERFECTVIEW SWITCH 200VTO

- Two camera inputs/video and audio output (Cinch/RCA)
- Reverse gear trigger input/video trigger output
- External switch for manual switchover between the cameras
- Adjustable switch time between video signal and trigger output
- Trailer recognition

Ref. No. 960000110

DOMETIC PERFECTVIEW SWITCH 200VTO

Control box with 2 camera inputs for OEM monitors



CAMERA SOLUTIONS



CAM55
9600000555



CAM 60ADR
9600000057



CAM 80CM
9600000049



CAM 40
9600000056

VEHICLE	CAM55 9600000555	CAM 60ADR 9600000057	CAM 80CM 9600000049	CAM 40 9600000056
DAF multimedia system	Adapter RVMB2, Ref. No. 9600000231			
DAF TNR	Adapter RVMAN1, Ref. No. 9600000230 plus relais (not available at Dometic)			
IVECO IVEconnect multimedia system	Adapter RVMAN1, Ref. No. 9600000230			
MAN Topline2/MMT multimedia system	Adapter RVMAN1, Ref. No. 9600000230			
MAN Topline2/MMT mit 351LZ video preparation	Adapter RV351LZN, Ref. No. 9600000238			
MAN MTA (Media Truck Advanced) with 351MA, 351MC, 351ME, 351MF video preparation	Adapter RVMAN16R, Ref. No. 9600000606			
Mercedes Actros and Antos J2D Multimedia System mit J9J video preparation	Aapter RVMB2, Ref. No. 9600000231			
MERCEDES Actros und Antos J2D Multimedia System ohne J9J video preparation	Adapter RVMB1, Ref. No. 9600000234			
RENAULT Informationsdisplay with video preparation	Adapter RVVO2, Ref. No. 9600000239			
SCANIA Original SCANIA multimedia system	Adapter RVSC1, Ref. No. 9600000231			
SCANIA SCANIA Premium Radio	Adapter RVMAN1, Ref. No. 9600000230			
SCANIA Original SCANIA monitor (Orlaco)	Adapter RVSC2, Ref. No. 9600000232			
SCANIA Infotainment Premium (AUS4)	Adapter RVMAN16R Ref. No. 9600000606 + adapter, RVSC17I Ref. No. 9600003782			
VOLVO trailer camera, SID High with BUPMON	Adapter RVVO2, Ref. No. 9600000239			
VOLVO trailer camera, SID High with BUPMON	Adapter RVVO1, Ref. No. 9600000233			



ON THE DASHBOARD:
smart phone or tablet
(iOS or Android)



ON THE VEHICLE REAR:
transmitter, reversing camera,
special aerial

WiFi TRANSMISSION PATH: SMARTPHONE OR TABLET REPLACES THE MONITOR

CARGO AND FREIGHT UNDER CONTROL

This smart solution was developed specially for drivers of vehicles with trailers. The new WiFi video transmitter beams the video data captured by a camera to the screen of a Smartphone or tablet. It crosses distances of up to 60 metres and therefore provides a reliable wireless solution for medium-sized vehicles such as caravans, horse transporters, car trailers etc. The camera is mounted on the rear of the trailer and shows the driver – as well as the familiar view into the rear mirror – what is happening behind the trailer which would

otherwise be hidden in the “blind spot”. Alternatively, the camera can be installed in the trailer in order to keep valuable living cargo or transported goods in sight during the journey.

THE FOLLOWING REVERSE CAMERAS CAN BE COMBINED WITH THE PERFECTVIEW VT 100WIFI:



CAMERA				
	CAM 18	CAM 55	CAM 80CM	CAM 29S
Vehicle	EXTREMELY COMPACT CAMERAS			SPECIAL CAMERAS FOR PANEL VANS
Type of camera	Colour camera	Colour camera	Colour shutter camera	Colour cylinder camera
Ref. No.	9600000053	9600000555	9600000049	9600000199

Technical data of the cameras on p. 10, 11 and 29 – 33

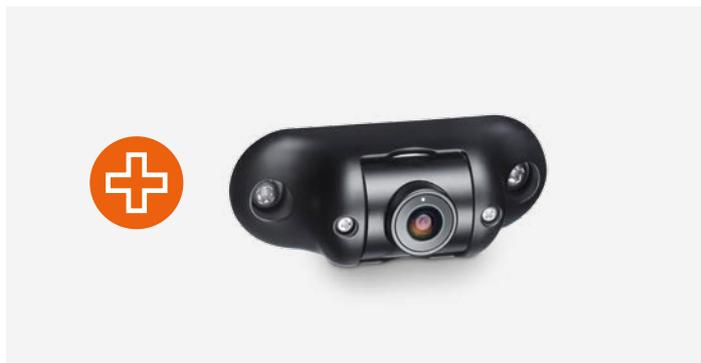


DOMETIC PERFECTVIEW VT 100WIFI

WiFi transmitter for transmitting video signals to smart phones and tablets (iOS + Android)

- Detachable special antenna that can be aligned as required for uninterrupted transmission
- Transmission distance up to 60 m
- Ideal for use on caravans, trailers, horse transporters
- Reception delay under 200 ms
- Frame rate: up to 30/s
- Operation of several receivers possible
- Compatible with most Dometic cameras
- Waterproof according to IP 65

Ref. No. 960000109



DOMETIC PERFECTVIEW VT 100WIFI INCL. CAM 29S

WiFi transmitter for transmitting video signals to smart phones and tablets (iOS + Android) incl. colour cylinder camera

- Colour cylinder camera (NTSC), 1/4" CMOS
- Wide-angle lens with large picture angle (150° diagonal)
- Waterproof according to IP 68
- Specially for vehicles with box bodies

Ref. No. 960000582

Technical data of camera on p. 11, 34



DOMETIC PERFECTVIEW VT 50WIFI

WiFi transmitter with small camera for transmitting video signals to smartphones and tablets

- Installation on license plate without drilling possible
- Trouble-free transmission
- Transmission distance up to 20 m, free field
- Receive delay less than 200 ms
- Resolution VGA
- Frame rate to 30 B / s
- Operating voltage 10 - 16 volts
- Camera waterproof IP67
- The WiFi camera is ready for connection. The device is especially suitable for use in passenger cars. The camera orientation can be adjusted. On-screen distance markers can be activated to support the estimation of the distance.

Ref. No. 9600003262

Download the app:
dometic.com or directly
via Google Play Store
or Apple App Store: VT 50



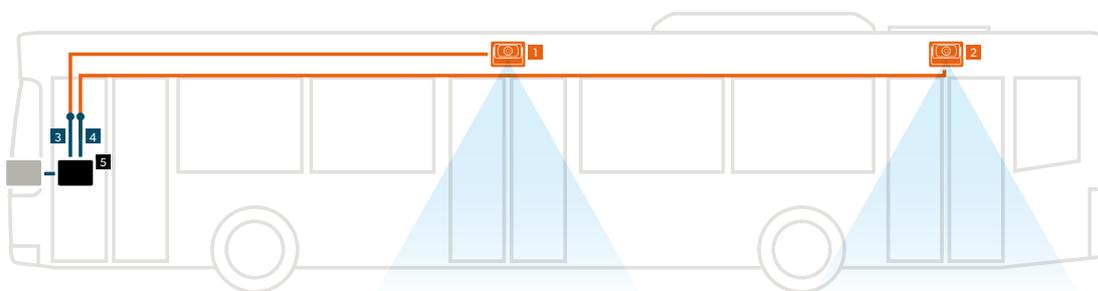
SAFE AND SECURE INSIDE AND OUT

Numerous studies have shown: fitting public transport vehicles with video cameras is an effective way to prevent assaults and vandalism. The technology deters potential offenders and helps the police in investigations. With a resolution of 310,000 or 330,000 pixels and a light sensitivity of 0.01 lux, the PerfectView CAM 11 and CAM 12 cameras recommend themselves for use in vehicle interiors.



NAVIGATION SYSTEM WITH ADDITIONAL INTERIOR SURVEILLANCE FUNCTION:

In our example, a navigation system was retrofitted with two CAM 12 interior surveillance cameras using the SWITCH 300 control box. The retrofit works a treat with the matching adapter cables from Dometic.



SCOPE OF DELIVERY – NAVIGATION SYSTEM

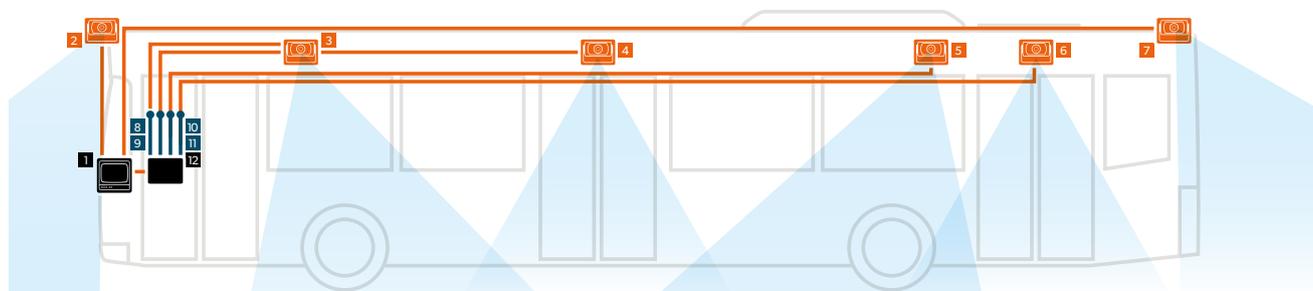
PRODUCT		REF. NO.
Cameras	1 PerfectView CAM 12 (incl. 20 m cable)	9600000059
	2 PerfectView CAM 12 (incl. 20 m cable)	9600000059
Adapter	3 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
	4 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
Switchbox	5 PerfectView SWITCH 300	9600000067
	specific adapters	on request



COMPLETE SOLUTION FOR BUSES DOOR SURVEILLANCE AND REVERSING SAFETY

The large 7" LCD monitor shows the full security programme. Four interior cameras of the CAM 11 type monitor the entrance areas. Thanks to video splitter up to four camera pictures can be displayed simultaneously on the monitor. As soon as the reverse gear is

engaged, the CAM 80CM provides images from the critical area behind the vehicle.



SCOPE OF DELIVERY – COMPLETE SOLUTION

PRODUCT		REF. NO.
Monitor	1 PerfectView M 75LX	960000064
Cameras	2 PerfectView CAM 40 (incl. 5 m cable)	960000056
	3 4 5 6 PerfectView CAM 11 (incl. 20 m cable)	960000058
	7 PerfectView CAM 80CM (incl. 20 m cable)	960000049
Adapter	8 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
	9 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
	10 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
	11 ADAPT3 monitor adapter, new plug / old socket (6-pin mini-DIN, grey cable)	9600000215
Video splitter	12 PerfectView VS 400	960000066
Video recorder	13 PerfectView REC 400 (see page 65)	9102200138



DOMETIC PERFECTVIEW CAM 11

Mini dome camera

- Colour CCD camera (PAL)
- Normal or mirrored picture function
- Very high resolution and light sensitivity
- Installation height of only 31 mm
- Wide-angle lens with large picture angle (125° diagonal)
- Ideally suited for indoor surveillance
- Scope of delivery: Mini dome camera, 20 m monitor-to-camera connection cable, installation fittings for all components

Ref. No. 9600000058

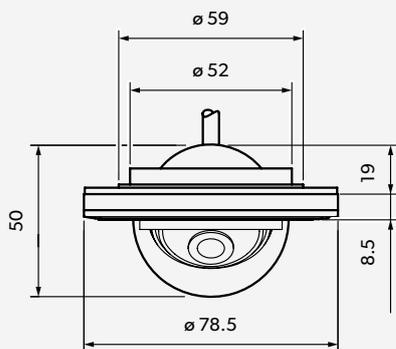


DOMETIC PERFECTVIEW CAM 12

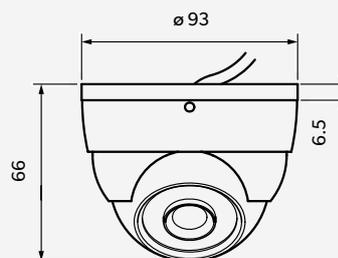
LED dome camera

- Colour CCD camera (PAL) with LED
- Normal or mirrored picture function
- Very high resolution and light sensitivity
- LDR-controlled IR LEDs
- Wide-angle lens with large picture angle (125° diagonal)
- Can be used for indoor surveillance or as a reversing camera
- Scope of delivery: LED dome camera, 20 m monitor-to-camera connection cable, installation fittings for all components

Ref. No. 9600000059



Dimensions (Ø x T)	78,5 x 50 mm (incl. installation depth)
Operating voltage	12 volts DC
Power consumption	approx. 1.2 watts
Image sensor	1/3" CCD sensor
Resolution	310,000 pixels
Picture angle	125° diagonal; h: approx. 95° v: approx. 70°
Light sensitivity	0.5 Lux
Operating temperature	-20 °C to +50 °C
Vibration resistance	6 g
Weight	200 g
Brightness adjustment	electronic
Mirrored picture function	can be set



Dimensions (Ø x T)	93 x 66 mm
Operating voltage	12 volts DC
Power consumption	approx. 3.6 watts
Image sensor	1/3" CCD sensor
Resolution	330,000 pixels
Picture angle	125° diagonal; h: approx. 95° v: approx. 70°
Light sensitivity	0.5 Lux
Operating temperature	-20 °C to +60 °C
Vibration resistance	6 g
Weight	300 g
Brightness adjustment	electronic
Mirrored picture function	can be set

ACCESSORIES FOR INTERIOR SURVEILLANCE CAMERAS

The cameras for indoor monitoring can be combined with numerous accessories. For example, all current Dometic LCD monitors can be easily connected. If required, extension cables from 5 to 20 m are available. And if you want to record the video signal, you may add the recorder REC 400.



ITEM DESIGNATION		REF. NO.
Monitors		
M 55L	5" LCD monitor	9600000061
M 75L	7" LCD monitor	9600000062
M 70IP	7" HD-LCD monitor	9600000065
M 55LX	5" LCD monitor	9600000063
M 75LX	7" LCD monitor	9600000064
System and extension cables		
	System and extension cable 5 m	96000000206
	System and extension cable 10 m	96000000207
	System and extension cable 20 m	96000000208
Other accessories		
VS 400	Video splitter for Dometic cameras with PAL video standard	9600000066
SWITCH 300	Up to three independently controllable cameras on one monitor input	9600000067
REC 400	Video recorder	9102200138
Cable adapters		
ADAPT3	Adapter monitor, new plug/old socket (6-pin mini-DIN, grey cable)	9600000215
RV-ADAPT-NAV	Adapter cable for navigation systems	9103555990

System and extension cables are required only if the cable provided with the camera (20 m) is not sufficient. The ADAPT3 adapter is required for each camera connected to the accessories listed here (monitor, video splitter, switch box, system and extension cable). For connection to a navigation system with RCA cinch input, an RV-ADAPT-NAV adapter is required for each camera.

TIP!



VIDEO RECORDER PERFECTVIEW REC 400

This compact device offers multiple options for recording what is happening in critical situations "live" on site:

- Recording of video signals from up to four cameras
- Documentation of the vehicle position by GPS
- Data storage on SD card

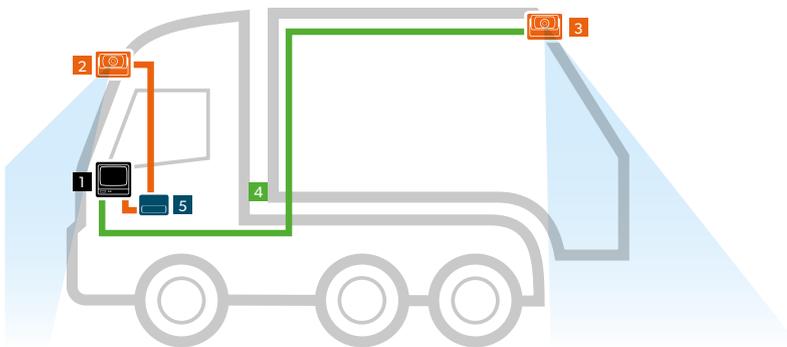
More info on page 65

CERTIFIED TECHNOLOGY MEETS FUTURE REQUIREMENTS FAR-SIGHTED INVESTMENT

Private and public investors have an eye on upcoming legislation when taking their purchasing decisions. They set great store by quality, maximum safety and compliance with all relevant standards. A top priority is to extend the field of vision around the vehicle. Certified Dometic products formed the bases for customised solutions. Here are a few examples.

CERTIFIED "SAFE-ALL-AROUND" PACKAGE FOR MUNICIPAL VEHICLES

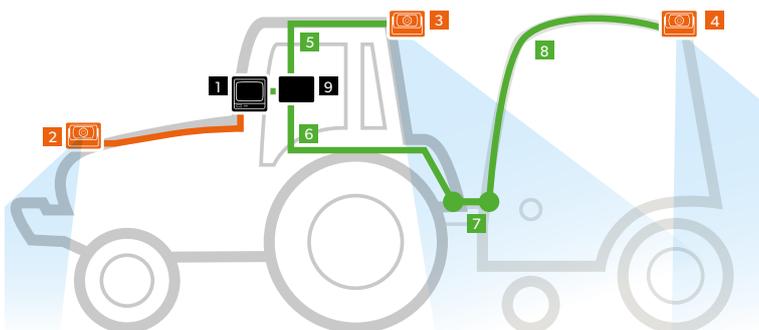
With this equipment, the driver of the municipal vehicle has all the safety-relevant areas in view and under control. The CAM 60ADR camera is ADR-approved and complies with protection class IP 69K.



ORDER SCOPE – MUNICIPAL VEHICLE	
PRODUCT	REF. NO.
Monitor	
1 PerfectView M 75LX	9600000064
Cameras	
2 PerfectView CAM 40 (incl. 5 m cable)	9600000056
3 PerfectView CAM 60ADR (without system cable)	9600000057
Cable	
4 System and extension cable 10 m	9600000207
Video recorder	
5 PerfectView REC 400	9102200138

ROBUST VIDEO TECHNOLOGY FOR AGRICULTURAL MACHINERY

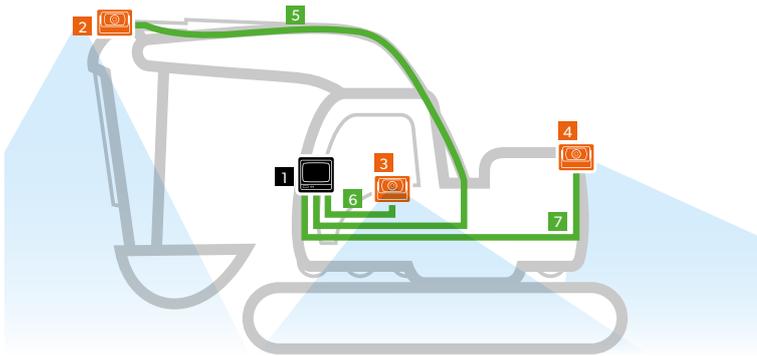
Harnessed performance: high-quality 5" LCD monitor + ball camera for monitoring the front working area + one robust rear-view camera each (protection class IP 69K) at the rear of the towing vehicle and the trailer. Thanks to the video splitter, images from both reversing cameras can be displayed simultaneously while reversing.



ORDER SCOPE – TRACTOR / TRAILER	
PRODUCT	REF. NO.
Monitor	
1 PerfectView M 55LX	9600000063
Cameras	
2 PerfectView CAM 40 (incl. 5 m cable)	9600000056
3 4 PerfectView incl. CAM 60ADR	9600000057
Cable	
5 System and extension cable 5 m	9600000206
6 System and extension cable 10 m	9600000207
7 CAB 38 quick coupler for trailers	9600000223
8 System and extension cable 20 m	9600000208
Video recorder	
9 PerfectView VS 400	9600000066

ALL-ROUND SAFETY AND LEGAL COMPLIANCE: CUSTOM SOLUTION FOR EXCAVATORS

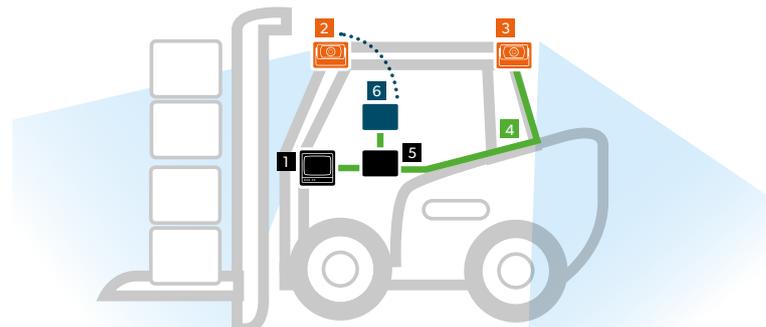
The minimum requirements for visibility in all directions from construction equipment are regulated by Machinery Directory 2006/42/EC. High-quality optical equipment was also important for the customer. Our solution: M 75LX and CAM 40 (a combination certified according to the 2003/97/EC mirror directive), plus another two cameras of type CAM 40 + CAM 604.



ORDER SCOPE – EXCAVATOR	
PRODUCT	REF. NO.
Monitor	
1 PerfectView M 75LX	960000064
Cameras	
2 3 PerfectView CAM 40	960000056
4 PerfectView CAM 604	960000041
Cable	
5 HD System and extension cable 20 m	9600000337
6 HD System and extension cable 5 m	9600000335
7 HD System and extension cable 10 m	9600000336

EFFECTIVE ACCIDENT PREVENTION IN FORKLIFT TRAFFIC ZONES

The centrepiece of this safety solution is the M 70IP monitor, which meets the vibration and impact resistance requirements defined in ISO 16750-3. Cameras monitor the front, rear and loading area. The camera on the lift fork uses a digital radio link to transmit images wirelessly to the monitor. Thanks to the video splitter connected in-between, the monitor is able to show the images from all cameras simultaneously.



ORDER SCOPE – FORKLIFT	
PRODUCT	REF. NO.
Monitor	
1 PerfectView M 70IP	960000065
Cameras	
2 3 PerfectView CAM 40	960000056
Cable	
4 System and extension cable 10 m	9600000207
Video splitter	
5 PerfectView VS 400	960000066
Radio link	
6 PerfectView VT 100DIG	960000068

HEAVY-DUTY MONITORS – THE PROFESSIONAL LX SERIES WITH FOUR CAMERA INPUTS



Four camera inputs, OSD manoeuvring aid, attachable sun shield: The heavy-duty monitors in the PerfectView LX series are designed for professional use from A to Z. Digital LCD technology with super-bright, energy-saving LED backlighting, combined with advanced anti-reflex technology, makes for excellent image quality.



TECHNOLOGY

- Digital LCD monitor with LED backlighting for a flicker-free image display
- Bright, high-contrast display
- Excellent readability in all light conditions (anti-reflex technology)



OPTIMISED CONNECTIONS

- Prepared for concealed routing of the monitor cable under the monitor base
- Precisely adjustable ball mount for optimal positioning
- Lockable plug-in connectors – IP 67 compliant



DOMETIC PERFECTVIEW M 55LX

Digital LCD panel with LED background illumination

- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Ref. No. 9600000063



DESIGN AND LOOK

- Super-slim construction
- Design perfectly matches the vehicle interior
- Available with 5" or 7" LCD display



OPERATION

- Intuitive menu guidance
- Illuminated keys
- Day/night switching
- Adjustable distance marks



DOMETIC PERFECTVIEW M 75LX

Digital LCD panel with LED background illumination

- For 11 to 30 volts operating voltage
- Optimum picture quality even at low temperatures
- OSD distance marks for convenient manoeuvring
- Normal or mirrored picture function
- Four camera inputs, including 1 with signal recognition
- Image settings can be saved
- Connection of e.g. side cameras via the indicator
- Automatic recognition of a trailer camera
- Attachable sun shield
- Elegant monitor base with concealed cable routing

Ref. No. 9600000064



HEAVY-DUTY MONITOR WITH QUAD SPLITTER

This 9" heavy-duty monitor allows you to connect up to four cameras. The integrated quad splitter brings all four camera images simultaneously on the screen. Using the touchscreen control you can easily change back and forth between the different views. Via the A/V output you can send video sequences to a recorder.

THE BENEFITS

- Large 9" LCD monitor, especially suitable for split screen application
- Touchscreen for fast operation in split mode
- Various split-screen modes can be pre-installed
- Many functions (including split functions) can be activated by external control signals



H-SPLIT

TRIPLE-SPLIT

QUAD-SPLIT



DOMETIC PERFECTVIEW MONITOR M 9LQ

Large 9" monitor with touchscreen

- For 11 to 30 volts operating voltage
- Mirrored picture function can be set for each camera
- LED background illumination
- 4 camera inputs
- Quad splitter for simultaneous display of 4 camera images
- Operation via sensor keys (monitor) or touchscreen (quad splitter)
- Ideal for special vehicles, agricultural machinery, etc.

Ref. No. 9600000060

Dimensions (W x H x D)	234 x 158 x 40 mm
Operating voltage	11 to 32 volts DC
Resolution (pixels)	385,000
Operating temperature	-20 °C to 70 °C
Video standard	PAL / NTSC / auto
Vibration resistance	6 g
Weight	800 g
Brightness	350 cd/m ²
Picture angle	Top: 50°, bottom/right/left: 70°
Camera inputs	4
Test marks	E- certificate

SPLASH-PROOF HEAVY-DUTY MONITOR

This robust monitor will easily resist a firehose jet unscathed. It is splash-protected according to IP 69K and was specially designed for use in dusty and damp environments. Up to three cameras can be connected. When the reversing camera comes on, the manoeuvring aid appears on the screen.



DOMETIC PERFECTVIEW M 70IP

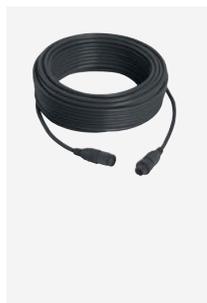
RVS monitor

- With digital LCD panel
- For 12-volt and 24-volt operating voltage
- Splash-proof according to IP 69K
- 3 camera inputs
- Normal or mirrored picture function
- OSD distance marks for convenient manoeuvring, multilingual
- LED background illumination
- Operation with sensor keys or by remote control
- Specially designed for agriculture, earth work, fire services, etc.
- EMC according to ECE R 10

Ref. No. 9600000065



DOMETIC PERFECTVIEW ACCESSORY



HD system and extension cable, ADR compliant

- 6-pin screw connector, water-proof
- Extra-robust/reinforced design
- ADR-compliant

Extension cable 5 m / Ref. No. 9600000335
Extension cable 10 m / Ref. No. 9600000336
Extension cable 20 m / Ref. No. 9600000337



System and extension cables, light-duty design

- 6-pin screw connector, water-proof
- Light-duty design

Extension cable 5 m / Ref. No. 9600000206
Extension cable 10 m / Ref. No. 9600000207
Extension cable 20 m / Ref. No. 9600000208



DOMETIC PERFECTVIEW CAM 60ADR

ADR compliant heavy-duty colour camera for use under extreme conditions

- With replaceable stone chip protection screen
- Anodised and powder-coated aluminium housing with stainless steel protection cap
- Microphone
- Double lens cover
- Temperature-controlled permanent heater with 3 or 4 watts output
- Waterproof screw connectors
- Electronic brightness adjustment
- Wide-angle lens with large picture angle (120° diagonal)
- LDR-controlled IR LEDs
- Approved to ISO 6722-1 5.11, ISO 14572 5.21, ISO 16750-3 4.1.2.4, ISO 16750-3 4.2.2, DIN 40050-9
- System cable has to be ordered separately

Ref. No. 960000057*



Dimensions	80 x 75 x 62 mm (incl. mount)
Operating voltage	11 to 16 volts DC
Power consumption	approx. 4.8 watts (with heater)
Image sensor	1/3" CCD
Resolution	290,000 pixels
Picture angle	120° diagonal, h: approx. 108° v: approx. 92°
Light sensitivity	< 0,5 Lux, 0 with LED
Video standard	PAL
Operating temperature	-30 °C to +65 °C
Vibration resistance	10 g
Weight	300 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-approval

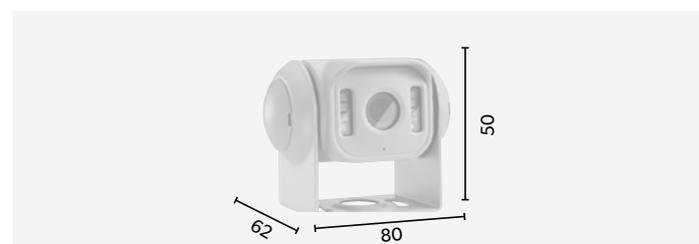


DOMETIC PERFECTVIEW CAM 55

Robust colour camera with extended input voltage range

- Input voltage range: 10 – 32 volts
- CMOS image sensor for optimum image quality
- Robust aluminium housing with stainless steel bracket
- Optimised bracket base for reliable sealing of the cable ducting
- Protection class: IP 69K
- 10 g vibration-resistant; 50 g shock-resistant
- Microphone
- Separately arranged LEDs for glare-free night vision
- Connection to original multimedia systems and ISO bus terminals via vehicle-specific adapters
- Approved to ISO 9227, EN 40839 / ISO 7637, IEC 68-2-38
- 20 m system cable in scope of delivery

Ref. No. 9600000555



Dimensions	80 x 50 x 62 mm (incl. mount)
Operating voltage	10 to 32 volts DC
Power consumption	max. 4.1 watts
Image sensor	1/4" CMOS
Resolution	300,000
Picture angle	120° diagonal, h: approx. 100° v: approx. 70°
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-30 °C to +70 °C
Colour	silver
Vibration resistance	10 g
Weight	165 g
Brightness adjustment	electronic
Mirrored picture function	can be set
Protection class	IP 69K
Test marks	E-approval, ISO 16750

*System cable not included in delivery; please order separately



PERFECT CLOSE AND LONG RANGE VISION: 2-STAGE ZOOM CAMERA

**THE NEW CAM 604 IS WELL EQUIPPED FOR EXTREME CONDITIONS: NON-CORRODING,
RESISTANT TO VIBRATION, DUST- AND WATER-PROOF ACCORDING TO IP 69K**

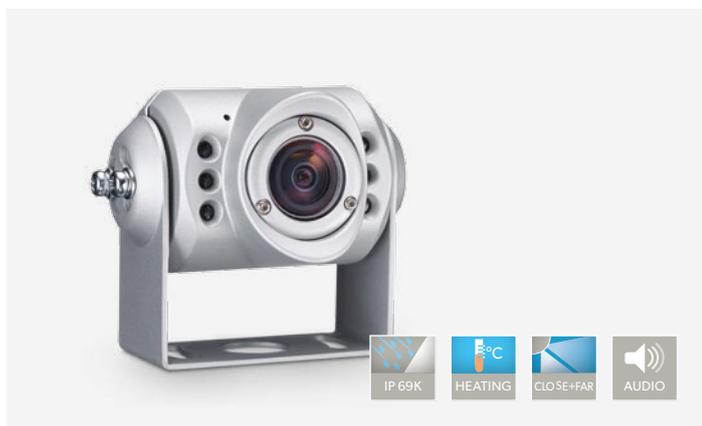
The lens is shielded by a replaceable stone chip protection screen. When manoeuvring in reverse gear, the convenient 153° wide-angle lens of the 2-step zoom camera shows the area directly behind the vehicle – the images are crystal-clear, without distorted curved lens effects. During the drive the lens switches over to 83° picture angle mode, so you have the traffic situation a long way behind your vehicle fully in view.



CLOSE RANGE VISION



LONG RANGE VISION



DOMETIC PERFECTVIEW CAM 604

2-step zoom camera

- Compact 2-step zoom colour camera for optimal close and long range vision
- Extra-large diagonal picture angles: 153° in close range, 83° in long range
- Replaces the inside rear-view mirror if required
- Infra-red LEDs for improved night vision
- Temperature-controlled heater
- Integrated microphone
- Replaceable stone chip protection screen (IP 69K)
- Camera requires 2 monitor signal inputs
- System cable has to be ordered separately

Ref. No. 9600000041*



Dimensions (W x H x D)	83 x 70 x 57 mm
Operating voltage	10 – 16 V DC
Power consumption	max. 6 W
Image sensor	1/4" CMOS
Resolution	approx. 400,000 pixels
Picture angle	Long range: 63° H, 52° V, 83° D Close range: 140° H, 94° V, 153° D
Light sensitivity	< 1 Lux, 0 with LED
Video standard	PAL
Operating temperature	-30 °C to 70 °C
Vibration resistance	10 g
Weight	approx. 300 g
Brightness adjustment	electronic
Mirrored picture function	factory-preset
Protection class	IP 69K
Test marks	ISO 16750, EMC according to ECE R 10

*System cable not included in delivery; please order separately

DOMETIC PERFECTVIEW ACCESSORY



HD system and extension cable, ADR compliant

- 6-pin screw connector, water-proof
- Extra-robust/reinforced design
- ADR-compliant

Extension cable 5 m / Ref. No. 9600000335
Extension cable 10 m / Ref. No. 9600000336
Extension cable 20 m / Ref. No. 9600000337



System and extension cables, light-duty design

- 6-pin screw connector, water-proof
- Light-duty design

Extension cable 5 m / Ref. No. 9600000206
Extension cable 10 m / Ref. No. 9600000207
Extension cable 20 m / Ref. No. 9600000208

PERFECTVIEW NAVIGATION AND ENTERTAINMENT WITH REVERSING SAFETY

SPECIALLY FOR THE FIAT DUCATO X290

Fits perfectly into the interior. Provides top-quality entertainment for the vehicle crew and brings them to their destination in safety: the comfort package that we have "tailored" to the new Fiat Ducato X290. It is based on the high-end naviceiver Blaupunkt Atlantis, the framework design of which has been adapted to the Ducato interior. It can be very conveniently operated from the steering wheel, offers the full range of media possibilities and an excellent sound quality and reception. When combined with a Dometic reversing camera of your choice, it also becomes the perfect reversing video system.



BENEFITS

- Optics and measurements are specially adapted for the Fiat Ducato X290 with radio preparation
- Adapted installation angle minimises reflection by the skylight, front and side windows
- Android operating system
- WiFi (USB dongle included)
- Rear seat entertainment
- Four USB ports
- Capacitive Silk Vision display (anti-reflex)
- DAB+ prepared
- Excellent sound quality and reception



DESIGN AND LOOK

- Perfect frame design to fit into the interior of the vehicle
- Display is adapted to the dashboard illumination colour
- Adapted installation angle – minimal reflection by skylight, front and side windows
- Excellent readability in all light conditions (anti-reflex technology)



OPERATION

- Connection to steering wheel remote control (preset)
- Display menu adapted to the Fiat Ducato
- Intuitive operation (Android)
- Apps and downloads via App Store

For further features, see System Columbia 945 p. 56/57

BLAUPUNKT ATLANTIS

2-DIN multimedia navigation with 6.8" Silk Vision TFT display

- Vehicle-specific multimedia navigation with 6.8" Silk Vision TFT display
- High-gloss frame – blends perfectly with the Fiat Ducato dashboard
- Menu guidance adapted to the dashboard light colour of the Fiat Ducato
- Plug 'n play solution including steering wheel remote control
- Maps for 44 European countries
- Prepared for compatible DAB+ receivers
- Exclusive only available at Dometic

With truck / RV software / Ref. No. 9600000636

With car software / Ref. No. 9600000635

Accessory

DAB + Retrofit set for digital radio reception in appropriately developed areas / Ref. No. 9600000322



Can be combined with all Dometic cameras.

Please note that cameras are not included in the scope of delivery, but have to be ordered separately.

CAMERA	 CAM 18NAV CAM 18W NAV	 CAM 45NAV CAM 45W NAV	 CAM 80NAV	 CAM 44NAV CAM 44W NAV	 CAM 35	 CAM 29BKS
Vehicle types	For trucks			For panel vans		
Ref. No.	9600000054 (black) 9600000104 (white)	9600000525 (silver) 9600000526 (white)	9600000050	9600000044 (silver) 9600000141 (white)	9102000133	9600000108

Technical data of the cameras on p. 10, 11 and 26 – 31



BLAUPUNKT HIGH-END NAVIGATION + DOMETIC REVERSING CAMERA

PROFESSIONAL SOLUTION FOR HIGHEST DEMANDS

Premium quality and plenty of comfort features – this state-of-the-art configuration leaves nothing to be desired. The new Blaupunkt naviceiver Columbia 945 provides a vast array of media options. It includes maps for 44 European countries and can be combined with five different Dometic reversing cameras, which convert the naviceiver into a safety assistant.

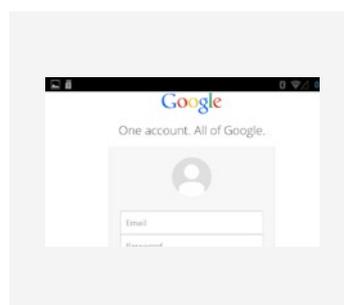
BENEFITS

- Android operating system
- Prepared for DAB+
- Parrot Bluetooth hands-free kit
- Wi-Fi (USB dongle included)
- Capacitive Silk Vision display (anti-reflex)
- Rear Seat Entertainment
- Four USB ports
- Excellent audio and reception quality
- Special truck software



DESIGN AND LOOK

- High-quality finish and attractive design
- Large capacitive 6.8" Silk Vision touch display



INTERNET

- Internet access via Wi-Fi (USB dongle included) or smart phone (tethering must be supported)



OPERATION

- New, future-proof Android operating system
- Intuitive control, as you are accustomed to from your smart phone
- Apps and downloads via App Store possible



RADIO AND SOUND

- Optimal radio reception with the latest high-end Blaupunkt tuner generation
- Parametric 5-band equaliser
- Powerful amplifier with 4 x 50 watts max. output

BLAUPUNKT COLUMBIA 945

2 DIN multimedia navigation with 6.8" Silk Vision TFT display

- FM, MW, LW tuner, 50 station presets
- Maps for 44 European countries
- 12 months of free map updates
- Internet via WiFi/WLAN
- Prepared for compatible DAB+ receivers
- Infrared remote control included
- Exclusive only available at Dometic

With truck / RV software / Ref. No. 9600000634

With car software / Ref. No. 9600000633

Accessory

DAB + Retrofit set for digital radio reception in appropriately developed areas / Ref. No. 9600000322



Can be combined with all Dometic cameras.

Please note that cameras are not included in the scope of delivery, but have to be ordered separately.

CAMERA						
	CAM 18NAV CAM 18W NAV	CAM 45NAV CAM 45W NAV	CAM 80NAV	CAM 44NAV CAM 44W NAV	CAM 35	CAM 29BKS
Vehicle types	For trucks				For panel vans	
Ref. No.	9600000054 (black) 9600000104 (white)	9600000525 (silver) 9600000526 (white)	9600000050	9600000044 (silver) 9600000141 (white)	9102000133	9600000108

Technical data of the cameras on p. 10, 11 and 58 – 33

DRIVING COMFORT

- Excellent readability in all light conditions (anti-reflex technology)
- High quality PARROT™ Bluetooth hands-free kit
- Additional display can be connected, optionally with identical display as that on the main screen



ADDITIONAL FEATURES AND FUNCTIONS

- Mirror MODE*: full mirroring and operation of the connected smart phone on/via the Columbia display



*requires additional HDMI cable

NAVIGATION

- Latest navigation software
- Optionally available for cars or for larger vehicles, depending on the camera configuration
- 12 months of free map updates included



MEDIA PLAYER

- Playback of your audio and video files in the common formats
- Possible sources: smart phone, USB flash drive or hard drives, micro SDHC card





Excellent audio and reception quality

BLAUPUNKT NAVICEIVER

BRAND NAME QUALITY AT A GOOD PRICE

The Blaupunkt Los Angeles 570 naviceiver provides ample performance at a fair price.

Available with recreational vehicle or car navigation software, it integrates a high-end tuner with 30 station presets and access to traffic services as well as a DVD/VCD/CD/MP3/WMA player. You can easily upgrade the system with a Dometic reversing camera to get an all-round solution for convenient navigation and safe manoeuvring.

BENEFITS

- Blaupunkt naviceiver Los Angeles 570 – ideal for combination with a Dometic reversing camera
- Excellent audio and reception quality
- 10-band equaliser
- Capacitive Silk Vision display (anti-reflex)
- Bluetooth 2.0 / smart phone compatible
- Integrated hands-free kit with access to telephone directory

DESIGN AND LOOK

- High-quality finish and attractive design
- Large, capacitive 6.2" digital touch



OPERATION

- Well proven, clearly structured operator guidance
- Infrared remote control included



BLAUPUNKT LOS ANGELES 570

2-DIN-Multimedia-Naviceiver with 6,2" Touchscreen TFT-Display

- FM and MW tuner with 30 station presets
- Maps for 44 European countries
- 12 months of free map updates
- DAB+ prepared
- Exclusively available from Dometic
- 2nd camera input (AV in)

With truck / RV software / Ref. No. 9600000632

With car software / Ref. No. 9600000631

Accessory

DAB + Retrofit set for digital radio reception in appropriately developed areas / Ref. No. 9600000322

Installation frame for Fiat Ducato, from 2007 / Ref. No. 9600000224

Installation frame for MB Sprinter, 2006 – 2016 / Ref. No. 9600000225

Installation frame for Ford Transit, 2006 – 2014 / Ref. No. 9600000227

Installation frame for Iveco Daily / Ref. No. 9600000229

Glossy installation frame for Fiat Ducato X290/ Ref. No. 9600001022



Can be combined with all Dometic cameras.

Please note that cameras are not included in the scope of delivery, but have to be ordered separately.

CAMERA	 CAM 18NAV CAM 18W NAV	 CAM 45NAV CAM 45W NAV	 CAM 80NAV	 CAM 44NAV CAM 44W NAV	 CAM 35	 CAM 29BKS
Vehicle types	For trucks			For panel vans		
Ref. No.	9600000054 (black) 9600000104 (white)	9600000525 (silver) 9600000526 (white)	9600000050	9600000044 (silver) 9600000141 (white)	9102000133	9600000108

Technical data of the cameras on p. 10, 11 and 28 – 33

RADIO AND SOUND

- Radio reception at its best with the latest high-end Blaupunkt tuner generation
- Parametric equaliser
- Powerful amplifier with 4 x 45 watts max. output



NAVIGATION

- Optionally available for cars or for larger vehicles (truck software), depending on the camera configuration
- 12 months of free map updates included



MULTIMEDIA WITH DIFFERENT “PLAY MODES”:

DOMETIC MONICEIVER + DOMETIC REVERSING CAMERA

This inexpensive moniceiver offers well proven Dometic quality. It combines the functions of a car radio with those of a DVD/VCD/DivX®/CD/MP3/WMA player.

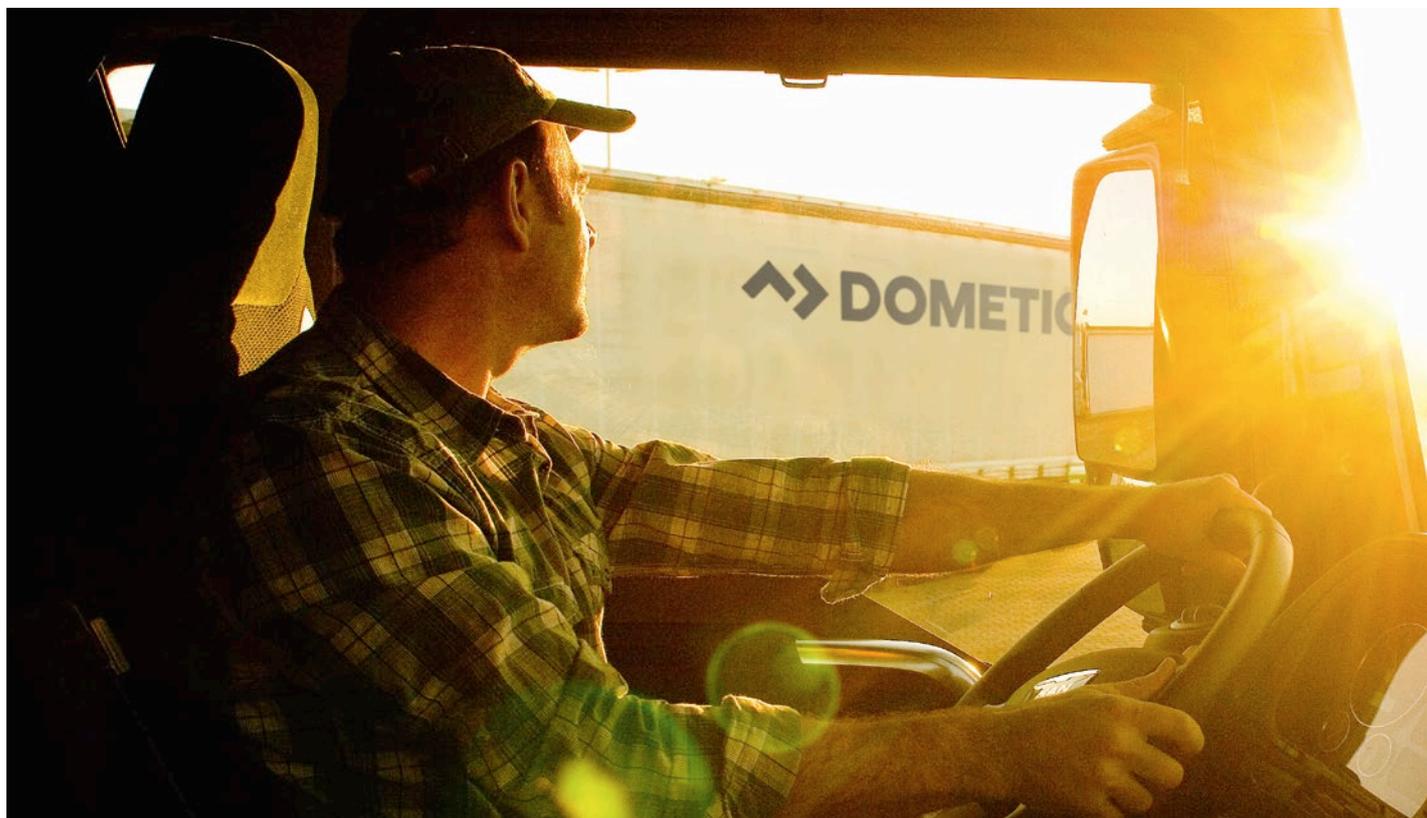
When a reversing camera is added, it also makes manoeuvring safer. During reversing, the vehicle surroundings are shown on the display.

The Dometic MC 402 moniceiver is the ideal entry-level model for onboard entertainment. The multi-functional device can be combined with six different Dometic cameras, while it can also be used separately.

It fits into every double DIN slot. Tailor-made installation frames are available for Fiat Ducato and MB Sprinter.

BENEFITS

- Suitable for double DIN slot
- Hands-free kit with access to telephone directory
- Can be used separately or with reversing camera
- Bluetooth 2.0/smart phone compatible



DOMETIC PERFECTVIEW MC 402

2 DIN moniceiver with 6.2" monitor, touchscreen display and input for reversing camera

- VHF/MW RDS tuner with 30 station presets and access to traffic services
- Integrated DVD / VCD / DivX® / CD / MP3 / WMA player
- Bluetooth audio streaming
- Preparation for compatible DAB receivers
- Scope of delivery: Moniceiver, 20 m connection cable, installation fittings, adapter cable

Ref. No. 9600000350

Accessory

- Installation frame for Fiat Ducato, from 2007 / Ref. No. 9600000224
- Installation frame for MB Sprinter, 2006 – 2016 / Ref. No. 9600000225
- Installation frame for Ford Transit, 2006 – 2014 / Ref. No. 9600000227
- Installation frame for Iveco Daily / Ref. No. 9600000229
- Glossy installation frame for Fiat Ducato X290/ Ref. No. 9600001022

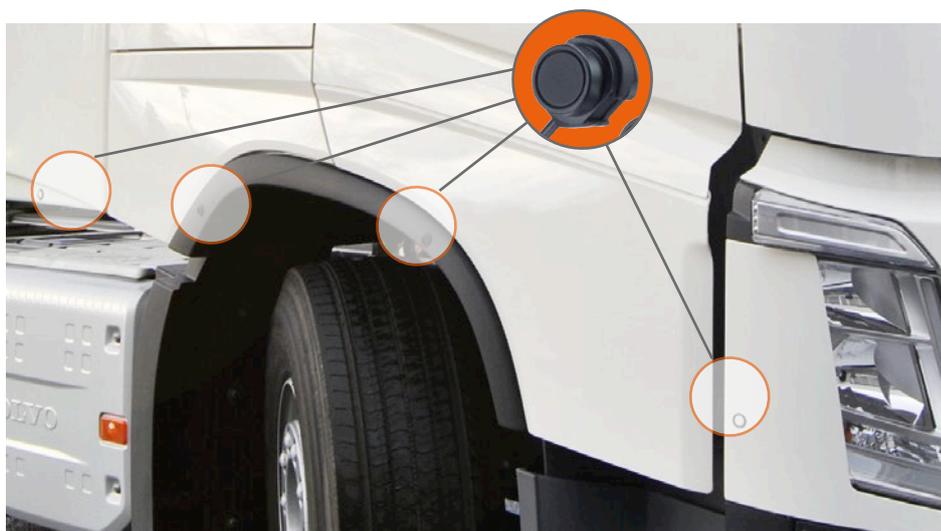


Can be combined with all Dometic cameras.

Please note that cameras are not included in the scope of delivery, but have to be ordered separately.

CAMERA	 CAM 18NAV CAM 18W NAV	 CAM 45NAV CAM 45W NAV	 CAM 80NAV	 CAM 44NAV CAM 44W NAV	 CAM 35	 CAM 29BKS
Vehicle types	For trucks			For panel vans		
Ref. No.	9600000054 (black) 9600000104 (white)	9600000525 (silver) 9600000526 (white)	9600000050	9600000044 (silver) 9600000141 (white)	9102000133	9600000108

Technical data of the cameras on p. 10, 11 and 28 – 33



BLIND SPOT ASSISTANCE SYSTEM FOR LORRIES

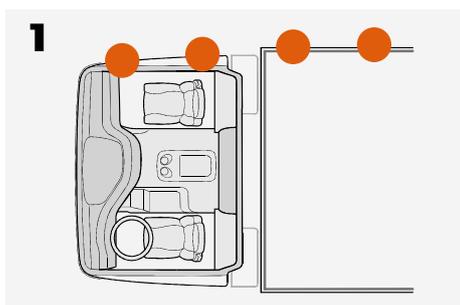
RETROFIT NOW AND AVOID ACCIDENTS!

Approx. 15% of all road accidents involving goods transport vehicles happen when turning or manoeuvring. Approx. 30% of cases involve pedestrians or cyclists who “disappear” into the blind spot. The new assistance system MagicWatch MWE 4004 provides a remedy for this.

Four vigilant sensors scan the critical area when turning. They “go live” automatically when the vehicle is travelling at manoeuvring speed. The driver is doubly warned: visually via the 4-colour LED display in the cockpit, and acoustically via a beep from the speaker. A system extension with a side camera even provides LIVE images of what is happening. The combination solution can be programmed so that the camera is automatically activated when the vehicle travels at manoeuvring speed or when the indicator is activated.

BENEFITS

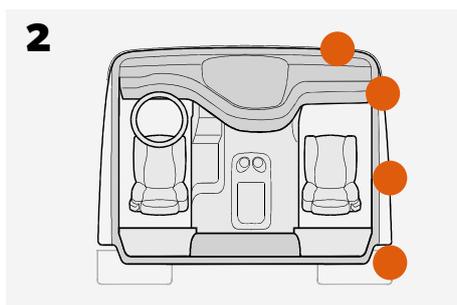
- 4 sensors for side scan of the blind spot area
- Detection range up to 120 cm
- Visual and acoustic warning
- Activation/deactivation via speed signal
- Four-colour LED design display
- Deactivation possible via handbrake and/or push button
- Three installation options: Side scan, corner and step scan, front scan
- Prepared for extension to include side camera; activation via speed signal



1

SIDE SCAN

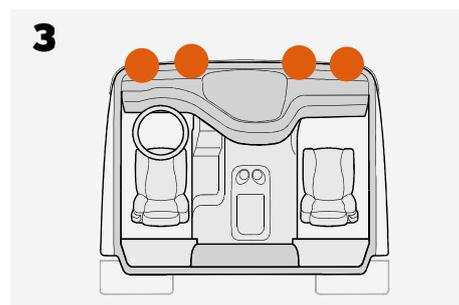
Four sensors at the right side of the driver's cab. Other installation options are possible depending on the type of vehicle and the safety requirements.



2

CORNER AND STEP SCAN

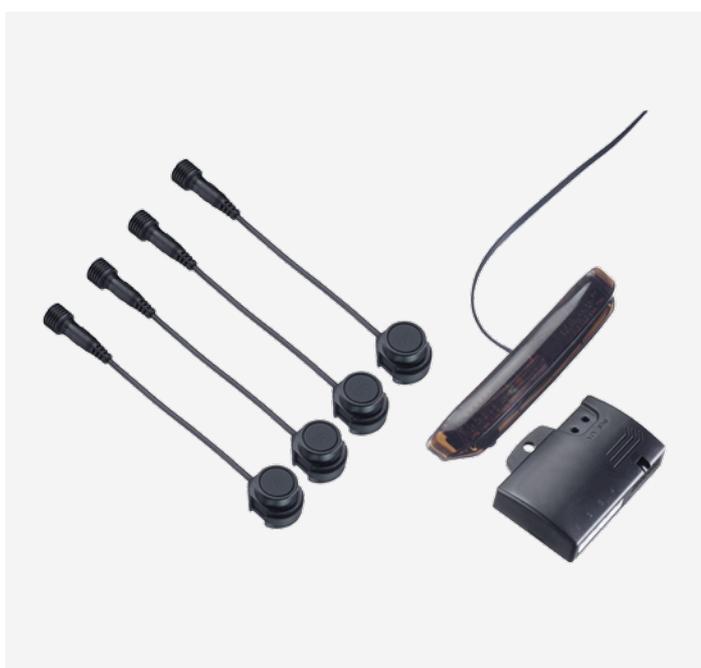
Two sensors in the critical region at the front right corner, two sensors in the step region. Other installation options are possible depending on the type of vehicle and the safety requirements.



3

FRONT SCAN

Four sensors capture the entire front area of the driver's cab. Ideal for vehicles with a limited-visibility front area. Combination with a side camera is recommended to fulfil extra safety requirements.



DOMETIC MAGICWATCH MWE 4004

Blind spot system for trucks

- 4 sensors for side scan of the blind spot area
- Visual and acoustic warning
- Four-colour LED design display
- Detection range up to 120 cm
- Activation/deactivation by speed signal
- Deactivation possible via parking brake and/or push button
- Three installation options: side scan, corner and step scan, front scan
- Trigger line for Blind Spot Camera (optional)

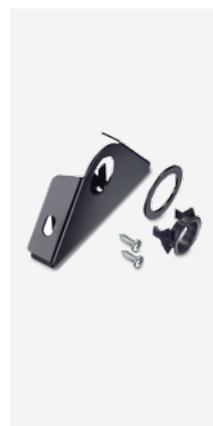
Ref. No. 9600000358

Accessory

Rubber sensor holder / Ref. No. 9101500071

Sensor holder with metal body / Ref. No. 9101500078

Punching tool for the 18 mm sensors / Ref. No. 9600000430



Monitoring range	
Stop zone (cm)	approx. 10 – 50
Measuring range (cm)	approx. 50 – 120
Acoustic warning function	•
Visual warning function	LED display
Suitable for vehicles with tow-bar	•
Activation via	Speed signal / optional switch
Sensors	4 built-in sensors
Visible sensor area (mm)	18
Cut-out for sensor (mm)	18

VIDEO SPLITTER

FOUR TIMES IN THE PICTURE

With this video splitter, you can put the images from up to four cameras on the screen as needed. Four display modes are possible. When the reversing camera is activated the monitor screen additionally shows distance marks. The housing and camera connectors are water-proof.

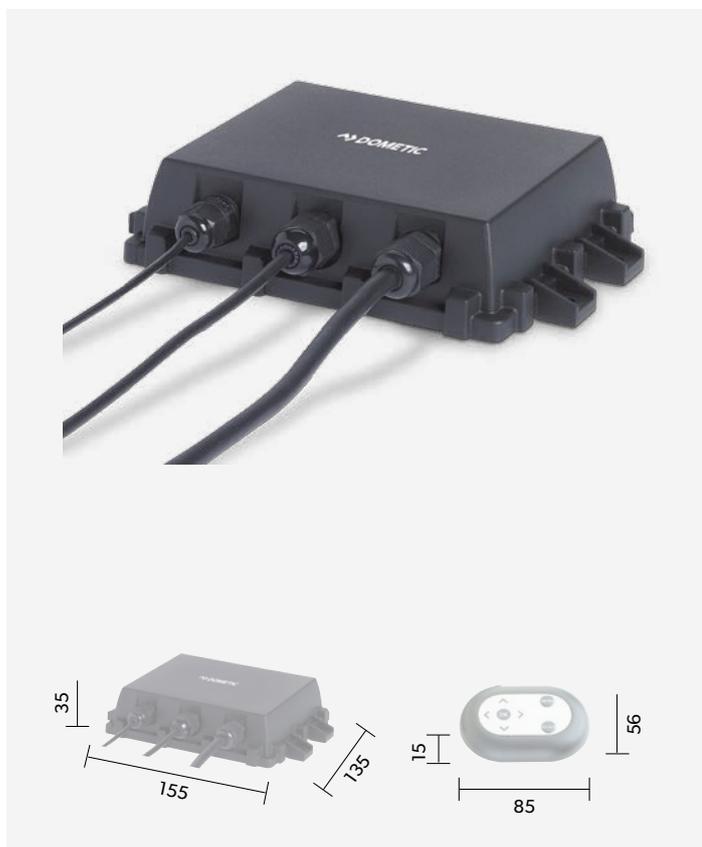


1) Main image with an additional image

2) Main image with two additional images

3) Screen split into two

4) Screen split into four



DOMETIC PERFECTVIEW VS 400

Video splitter for up to 4 cameras

- Displays the video images from up to 4 connected cameras on one monitor
- Image display manually adjustable: full screen, split mode, picture-in-picture, or quad mode
- Automatic operation and camera switch-on times can be set as required
- Cameras separately adjustable; automatic saving of the last setting
- Distance scale for camera 1
- Water-proof camera connectors and housing
- Not suitable for CRT systems

Ref. No. 9600000066

Dimensions (W x H x D)	155 x 35 x 135 mm
Operating voltage	12 to 32 volts DC
Camera inputs	4-channel AV input
Video standard	PAL or NTSC
Operating temperature	-30°C to 60°C
Display	Full Screen/Split/Picture-in-Picture/Quad
Weight	750 g

VIDEO RECORDER

DOCUMENT INCIDENTS

In some situations it may be useful to capture events “live” on site. With the PerfectView REC 400 video recorder you can record video signals from up to four cameras simultaneously, while the integrated GPS receiver records the position of the vehicle and the accelerometer documents the force profile.

The documentation is especially useful as evidence of the condition of the goods in the truck loading space, for example. It is also useful in buses and taxis to provide security for passengers and drivers. Here the legal provisions in regard to video surveillance (data privacy) must be observed. The evaluation and management of images is possible via the recorder or via a connected PC.



DOMETIC PERFECTVIEW REC 400

Digital video recorder for recording video and audio signals

- Compact design (fanless)
- Compatible with PAL and NTSC
- 4 video inputs for simultaneous recording of signals from up to 4 cameras
- Storage on SD card (not included)
- Recording time: up to 70 hours (CIF, 15 frames/second, 64 GB SD card)
- Integrated GPS receiver for position tracking
- Built-in accelerometer for documenting the force profile
- Recording management via PC or recorder
- Split image function as with VS 400
- Scope of delivery: Recorder, cable, microphone, infra-red receiver, GPS antenna, remote control, software

Ref. No. 9102200138

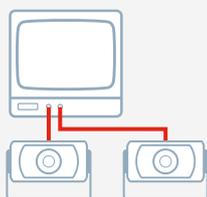
Operating voltage	12 to 24 volts DC
Power draw	500 mA
Operating temperature	-20°C to + 65°C
Video codec	H.264
Resolution	D1 (up to 720 x 576 pixels)
Frame rate	Up to 30 frames/second
Weight	440 g



CONTROL BOX

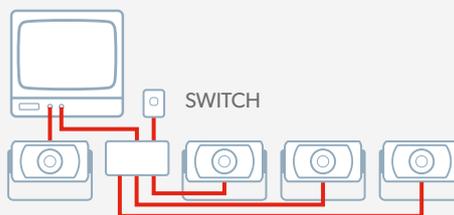
MORE CAMERAS – SIMPLY HOOK UP!

With the SWITCH 300 control box you can run up to three cameras on a single monitor input and control them independently! The control box is compatible with almost any Dometic camera. The cameras can be activated either automatically or manually (e.g. the reversing camera via reverse gear, the side-mounted cameras via the indicator).



MONITOR WITH 2 CAMERAS

The LCD monitor M 75L has three camera inputs for connecting e.g. reversing and front cameras.



TURNING 2 INTO 4 WITH PERFECTVIEW SWITCH

The same monitor now with up to four cameras thanks to the control box: for example, a reversing camera, two side cameras (one each left and right) and an additional camera to monitor the working area.



DOMETIC PERFECTVIEW SWITCH 300

Control box for additional reversing video applications.

For operation of up to three independently controllable cameras on one camera input of the monitor

- Cameras can be activated either automatically or manually (e.g. reversing camera via reverse gear, side cameras via the indicators)
- Power input: 0.84 watts max. (without cameras)
- Suitable for 12-volt and 24-volt vehicle electrics
- Scope of delivery: control box, on-board supply connection cable, switch for manual activation of the cameras, control box connection cable, fitting materials, installation and operating manual

Ref. No. 9600000067

Cable adapters

- The two Dometic cable systems up to 2009 (black or grey) were replaced by a new, uniform cable system from 2010.
- Adapters for adapting installed cables when existing components are replaced by new ones – no need to re-lay cables

CRT-Cable to 2009

ADAPT1 camera adapter, new socket / old plug / Ref. No. 9600000213

ADAPT6 monitor adapter, new plug / old socket / Ref. No. 9600000216

LCD-Cable to 2009

ADAPT2 camera adapter, new socket / old plug / Ref. No. 9600000214

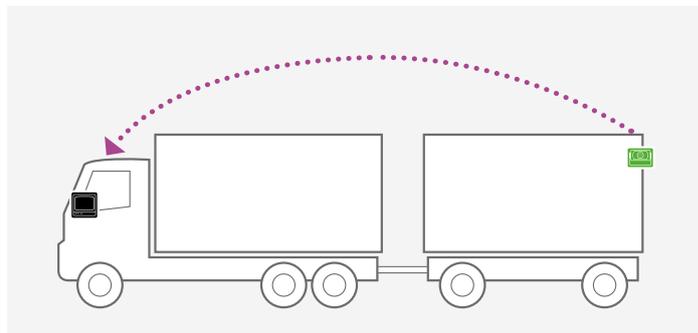
ADAPT3 monitor adapter, new plug / old socket / Ref. No. 9600000215

DIGITAL RADIO LINK

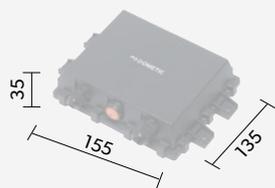
WIRELESS AND TROUBLE-FREE!

With the digital radio link Dometic PerfectView VT 100DIG, video and audio signals can be transmitted over distances up to 120 metres (line of sight) without fail.

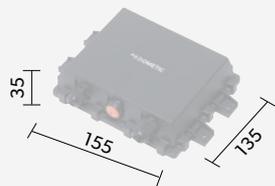
The use of coded signals and automatic channel selection enable extremely stable transmission. The benefits of radio-based signal transmission: there's no need to lay cables and no need for cost-intensive maintenance either. The housing of the digital radio link is waterproof according to protection class IP 65 and therefore suitable for installing outside the vehicle – ideal for retrofitting.



Transmitter



Receiver



DOMETIC PERFECTVIEW VT 100DIG

Digital radio link for transmitting video and audio signals

- Uninterrupted transmission
- Transmission distance of up to 120 m, line of sight
- Reception delay under 200 ms
- Frame rate up to 30/s
- Simultaneous operation of up to 6 radio links possible
- Water-proof IP 65

Ref. No. 960000068

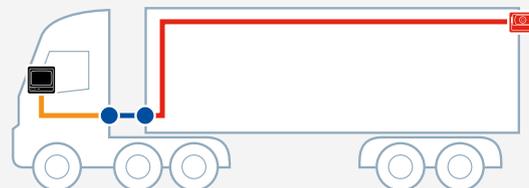
Dimensions (W x H x D)	Transmitter 155 x 35 x 135 mm Receiver 155 x 35 x 135 mm
Operating voltage	12 to 36 volts DC
Current consumption	1 A
Operating temperature	-20°C to 60°C
Transmission rate	6 mbit/s
Resolution	D1
Frame rate	Max. 30/s
Switch-on time	3 s
Delay	< 200 ms
Transmission distance	Up to 120 metres (line of sight)
Video codec	MP4
Audio codec	MP3, 1 channel
Channel changing rate	1200/s
Weight	1.26 kg

ACCESSORIES FOR TRAILERS AND TRACTOR-TRAILERS

HEAVY-DUTY SPIRAL CABLE SETS, SYSTEM AND EXTENSION CABLE

You want to extend a reversing video system to include a rear-view camera for the trailer? Or fit a tractor-trailer with a camera-monitor system? Here is all you need for installation: System and extension cables, plug connectors and heavy-duty spiral cable sets. Perfectly coordinated, plug-in components make installation easy and flexible.

Note: Adapters are only required when connecting the new monitors and cameras to older Dometic cables (built before 2010). For any questions, please contact our technical service team.



DOMETIC PERFECTVIEW REVERSING VIDEO SYSTEM ORDER SCOPE FOR TRACTOR-TRAILER

- Monitor
- System camera
- System and extension cable
- Heavy-duty spiral cable set with system cable

SEE PAGE: 10/11



DOMETIC PERFECTVIEW ACCESSORY

Heavy-duty spiral cable set for trailers incl. sockets

- Trailer cable 4 m, heavy-duty design, ready-to-use with sockets (plug/jack)
- For towing vehicles with trailer/tractor-trailer
- Especially for commercial use
- SPK170 is a spiral cable with 7 wires and allows the two cameras CAM 604 and CAM 44 to be used e.g. on a trailer.

Heavy-duty spiral cable set SPK 160 for trailers incl. sockets,

compatible with spiral cable RV-100SPK (up to 2009) / Ref. No. 9600000220

Socket with system plug / Ref. No. 9600000222

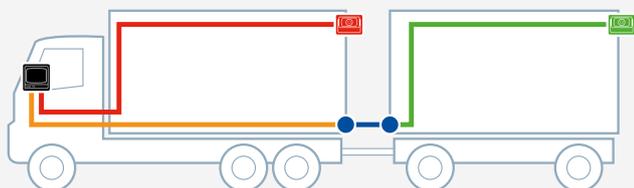
Socket with system jack / Ref. No. 9600000221

Heavy-duty spiral cable set SPK 160 for trailers incl. sockets, compatible with spiral cable RV-100SPK (up to 2009)

Ref. No. 9600000235

Socket with system plug / Ref. No. 9600000237

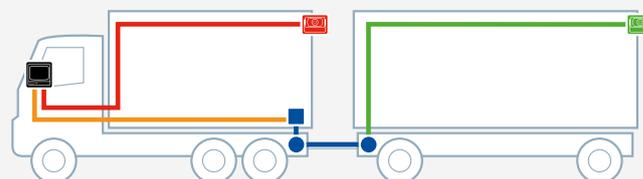
Socket with system jack / Ref. No. 9600000236



DOMETIC PERFECTVIEW REVERSING VIDEO SYSTEM ORDER SCOPE FOR TRUCKS WITH TRAILERS

- | | |
|-----------------------------------|---|
| ■ Monitor | ■ System and extension cable |
| ■ System camera with system cable | ■ Heavy-duty spiral cable set |
| | ■ Additional camera with system cable (see p. 29 – 31, 36 – 37) |

SEE PAGE: 10/11, EXCEPT OF RVS 594, RVS 794.



DOMETIC PERFECTVIEW REVERSING VIDEO SYSTEM ORDER SCOPE FOR TRAILERS WITH LOW COUPLING

- | | |
|-----------------------------------|---|
| ■ Monitor | ■ System and extension cable |
| ■ System camera with system cable | ■ Socket with system plug |
| | ■ System and extension cable CAB 39 |
| | ■ Additional camera with system cable (see p. 29 – 31, 36 – 37) |

SEE PAGE: 10/11



DOMETIC PERFECTVIEW ACCESSORY

CAB 38 quick coupler for trailers

- Trailer cable 2 x 30 cm, light-duty version, including ready-to-use surface-mounted sockets

Ref. No. 9600000223



DOMETIC PERFECTVIEW ACCESSORY

CAB 39 system and extension cable for trailers with low coupling

- Trailer cable 5 m for trailers with low coupling
- With ABS socket (12 V model)

CAB 39 system and extension cable for trailers with low coupling, 5 m

Ref. No. 9600000226

Socket with system plug, compatible with

RV-100SPK spiral cable (up to 2009) / Ref. No. 9600000222

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