

FACT SHEET

Back-up monitoring FH



Back-up camera with visor

Back-up monitoring contributes to better safety by offering excellent visual supervision behind the truck during reversing.

The camera is equipped with electronic light compensation. It also has integrated heating which prevents condensation, and an electrically operated visor. The visor protects the lens from dirt etc. and making the camera suitable for use in exposed positions.

The camera communicates with the truck's 7" colour display in the dashboard.

The back-up camera functions in cab details e.g. buttons, control units and cables are installed at the cab plant. This saves time for the bodybuilder by preventing the need to dismantle and refit interior trim in the cab during installation.

Cameras and signal cables are supplied loose in cab for final assembly. Wiring preparation for requested number of cameras is foreseen at the cab front body builder outlet.

Sales variants*

PCA30081	Wiring preparation for the BUPMON camera. Ready for plug and play.
PCA30082	1 additional back-up camera with wiring prep. for 2 cameras. Both cameras ready for plug and play.
PCA30083	2 additional back-up cameras with wiring prep for 3 cameras. All 3 cameras ready for plug and play.
PCA30084	3 additional back-up cameras with wiring prep for 4 cameras. All 4 cameras ready for plug and play.

* For all sales variants BUPMON must be in basic specification. The BUPMON variant gives the first camera and the software preparation. PCA30081 (wiring preparation and parameter settings) also included in PCA30082, PCA30083 and PCA30084.

FEATURES AND BENEFITS

- Preparation at factory shortens lead time and improves quality of installation.
- Back-up monitoring offers excellent vision behind the truck during reversing, thus contributing to improved safety.
- Electronic light compensation.
- Integrated heating prevents condensation.
- Electrically operated visor protects lens against dirt etc.
- Anodized and powder coated aluminum housing with protective cap and bracket in stainless steel.
- Whole vehicle type approved (WVTA).

SPECIFICATION

Camera.....	Waeco Perfect View CAM20C1
Measures (WxHxD) including safety cover and bracket..	105x96x80 mm
Power consuming	100 mA
Camera sensor	1/3" CCD-Sensor
Resolution	270 000 pixels
Lens.....	Wide angle lens (120° diagonally)
View angle horizontal.....	140°
View angle vertically.....	75°
Sensitivity light	< 1 Lux
Video format	PAL
Operating temperature.....	-40°C to +85°C
Vibration durability.....	6 g
Safety class	IP 67

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PCA30081

Wiring preparation for the BUPMON camera (Waeco). Ready for plug and play.

- Wiring preparation for one camera installed to body builder outlet in cab front.
- One 20 m chassis cable.
- Weight 2.5 kg.

PCA30082

One additional back-up camera (Waeco) with wiring preparation for two cameras. Both cameras ready for plug and play. Parameter settings included for extra camera.

- One Waeco Perfect View CAM20C1 camera.
- Wiring preparation (installed to body builder outlet in cab front) for two cameras.
- Two 20 m chassis cables.
- Installation accessories for one additional camera.
- Weight 3.5 kg.

PCA30083

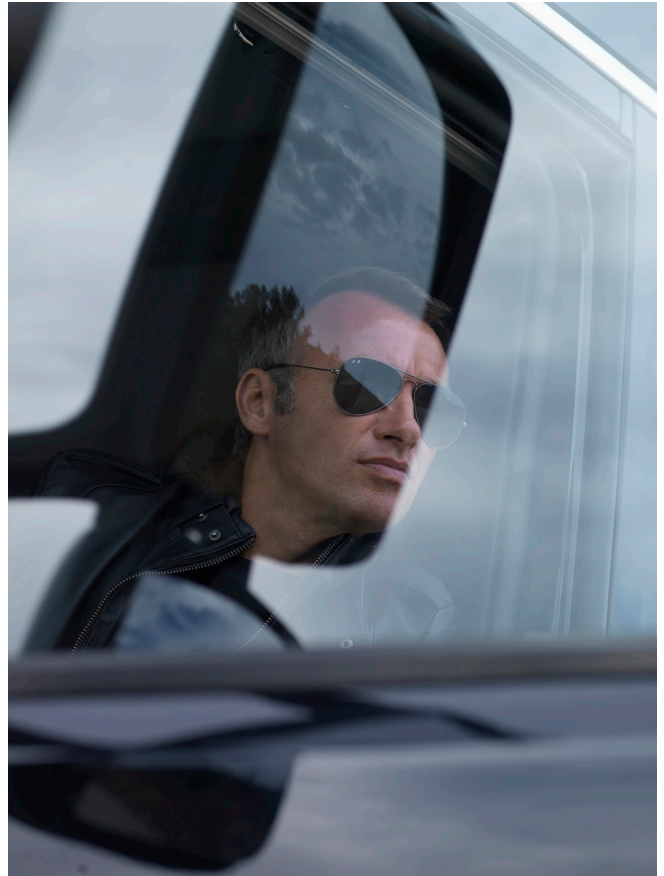
Two additional back-up cameras (Waeco) with wiring preparation for three cameras. All three cameras ready for plug and play. Parameter settings included for extra cameras.

- Two Waeco Perfect View CAM20C1 cameras.
- Wiring preparation (installed to body builder outlet in cab front) for three cameras.
- Three 20 m chassis cables.
- Installation accessories for two additional cameras.
- Weight 4.5 kg.

PCA30084

Three additional back-up cameras (Waeco) with wiring preparation for four cameras. All four cameras ready for plug and play. Parameter settings included for extra cameras.

- Three Waeco Perfect View CAM20C1 cameras.
- Wiring preparation (installed to body builder outlet in cab front) for four cameras.
- Four 20 m chassis cables.
- Installation accessories for three additional cameras.
- Weight 5.5 kg.



VOLVO

Volvo Truck Corporation
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