

Rear View Camera System for Military Vehicles

Over thousand of units in operation since product introduction on 1995



type number
00379

type number
00378



type number
00622

Description:

This customized rear view camera system has a modular design and has been implemented in various types of vehicles by individual installation kits. Due to the high environmental requirements for the use in tracked vehicles, all components are adequately ruggedized.

Camera:

- very sensitive B & W high resolution camera
- remote controlled objective lens window cleaning
- Ruggedized and waterproof housing

Display & Control:

- B & W CRT or TFT / LCD-display
- Superimposed symbology showing the vehicle path at distances of 5 m, 10 m and 15 m behind the vehicle
- Control elements: on-off switch, contrast, brightness, objective lens window cleaning

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

Camera type number 00378

Sensor type:	1 / 3" B & W CCD
Active pixels:	752 x 582 (H x V)
Video standard:	CCIR / STANAG 3350B
Video output:	VBS 1 V _{ss} / 75 Ω
Exposure control:	Shutter iris and automatic gain control
Sensitivity:	1 Lux
Objective lens:	3.6 mm, F = 2
Angle of View:	72° H / 54° V

CRT-Display & Control Unit type number 00379

Display type:	monochrome CRT
Active display:	125 x 90 mm
Resolution:	> 500 TVL
Brightness:	300 cd / m ²
Power supply:	17 V DC to 32 V DC
Dimensions:	170 x 156 x 205 mm (W x H x D)

Optional

LCD-Display & Control Unit type number 00622

Display type:	5.5" TFT / LCD
Resolution:	320 x 240 pixels (H x V)
Brightness:	250 cd / m ²
grey scales:	256
Power supply:	17 V DC to 32 V DC
Dimension:	170 x 156 x 86 mm (W x H x D)

Environmental conditions:

Temperature:	-35 °C to +70 °C
EMC:	VG 95373
Shock / Vibration:	MIL 810 C for tactical vehicles

By courtesy of Krauss-Maffei-Wegmann GmbH & Co. KG