

## 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 <sub>ss</sub> / 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 <sup>2</sup>          |
| Power supply:   | 17 Vdc to 32 Vdc               |
| 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 <sup>2</sup>         |
| grey scales:  | 256                           |
| Power supply: | 17 Vdc to 32 Vdc              |
| 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 |

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