



## Rugged 7" Flip Down Video Monitor for Overhead Mounting

type number 01111



### Main Features:

- Rugged LCD-TFT color video monitor for use under harsh environmental conditions as in wheeled or tracked armoured military vehicles
- Mirrored or normal display for situational awareness imagers, driver vision enhancement imagers, gunner imagers
- Two video inputs useable for color- and monochrome cameras or thermal imaging cameras
- Milled aluminium housing

### Options:

- Video overlay marking for approximate vehicle width at distances of 1 m, 2 m, 3 m and 4 m
- Display brightness and intensity of control element illumination switchable for day or night ambient light
- Night vision goggles compatibility
- CAN-Bus version 2.0B (SAE J1939), protocols CAN-Open or CAN-CUP for advanced camera control and build in test
- Version for 12 V DC board voltage available on request

### Optional accessories:

- Various ruggedized cameras, thermal imagers
- driver vision enhancement imagers
- Wiring harnesses for various vehicles

Ask for further technical information!

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

### Technical Data:

|                     |   |
|---------------------|---|
| Display type:       | 7" TFT LCD with LED Backlight   |
| Resolution:         | 800 x 480 pixels (H x V)  |
| Colors:             | 16.7 M (8 bit / color)  |
| Active display:     | 152 x 91 mm   |
| Contrast ratio typ: | 1000:1  |
| Brightness typ:     | 350 cd / m <sup>2</sup>   |
| Viewing angle:      | ±70° horizontal / ±70° vertical   |
| Display windows:    | Hardened, scratch resistant acrylic glass with anti-reflective and anti-fingerprint coating         |
| Video inputs:       | 2 x CVBS according to PAL and NTSC  |
| Power inputs:       | 24 V DC / 20 W ref. to VG96916<br>24 V DC / 12 W loop through for camera heating                    |
| Power outputs:      | 12 V DC / 5 W for camera power supply   |
| Control inputs:     | reverse gear<br>video overlay marking enable<br>display & illumination enable<br>day / night switch |
| Control outputs:    | relay drive signal for camera washer pump and camera windows cleaning                               |
| Control buttons:    | contrast, brightness, backlight camera selection, camera cleaning                                   |
| Connectors:         | VG 96912  |
| EMC / EMI:          | VG 95373<br>(MIL-STD-461G on request)   |
| Protection:         | IP 54   |
| Temperature:        | -30 °C to +75 °C (operating)<br>-30 °C to +80 °C (storage)  |
| Dimensions:         | 280 x 55 (160 if open) x 162 mm (W x H x D) w/o connectors  |
| Weight:             | approx. 2 kg  |
| Color:              | titan silver  |