



Not recommended for new design!

## Rugged 6.5" Video Display for Dashboard Mounting

type number 00645



### 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 drivers rear, front and side view
- Superimposed symbology showing the vehicle path at distances of 1 m, 2 m, 3 m and 4 m behind the vehicle
- Two video inputs for color and monochrome cameras or thermal imaging devices

### Options:

- Display brightness and intensity of control element illumination switchable for day or night ambient light
- Night vision goggles compatibility
- RS485 data link (can be delivered instead of discrete control inputs / outputs)
- CAN version 2.0B (SAE J1939), protocol CAN open or CUP for advanced camera control and build in test

### Optional accessories:

- Various ruggedized cameras
- Mounting adapters and wiring harness for various vehicles
- Video distribution box
- Digital video recorder

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:	6.5" TFT LCD
Resolution:	1200 x 234 pixels (H x V)
Active display:	145 x 80 mm
Contrast ratio:	350:1
Brightness:	300 cd / m <sup>2</sup>
Viewing angle:	50° horizontal / 35° vertical
Display windows:	Hardened, scratch resistant acrylic glass with anti-reflective and anti-fingerprint coating
Video inputs:	2 x CVBS according to CCIR / STANAG 3350B and NTSC / STANAG 3350C
Power inputs:	<ul style="list-style-type: none"> <li>• 24 V DC / 10 W for display itself and camera power supply</li> <li>• 24 V DC / 12 W for camera heating</li> </ul> both ref. to VG96916-5 (12 V DC Version available on request)
Power outputs:	<ul style="list-style-type: none"> <li>• 12 V DC / 5 W for camera power supply</li> <li>• 24 V DC / 12 W loop through for camera heating</li> </ul>
Control inputs:	reverse gear video overlay marking enable display & illumination enable day / night switch
Control outputs:	relay drive signal for camera washer pump or brush cleaning
Controls:	contrast, brightness, camera selection, camera cleaning
Connectors:	VG 96912
EMC / EMI:	VG 95373 (MIL-STD-461E on request)
Protection:	IP 65
Temperature:	-32 °C to +85 °C (operating) -40 °C to +90 °C (storage)
Dimensions:	248 x 119 x 49 mm (W x H x D)
Weight:	approx. 1.5 kg
Color:	RAL6031 HR bronze green or RAL 1013 oyster white