

## Rugged 15.6" High- Brightness Full HD Monitor for Dashboard Mounting

type number 01305



### Main Features:

- Rugged LCD-TFT 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
- 3G-SDI and CVBS video inputs useable for color- and monochrome cameras or thermal imaging cameras
- Integrated galvanically insulated vehicle power supply
- Milled aluminium housing, anodized
- Display brightness and intensity of control element illumination switchable for day or night ambient light
- DVI and VGA-Analog input
- Multi Finger Touchscreen
- Night vision goggles compatibility
- Integrated USB Hub

### Options:

- Additional SDI or CVBS inputs
- Video overlay marking for approximate vehicle width at distances of 1m, 2m, 3m, 4m
- CAN-Bus version 2.0B (SAE J1939), protocols CAN-Open or CAN-CUP for advanced camera control and build in test
- Standard PC Connectors in combination with Front USB-conn.
- Build in stereo Speakers

### Technical Data:

Display type:	15.6" SFT- TFT LCD with LED Backlight
Resolution:	1920 x 1080 native pixels
Aspect ratio:	16 : 9
Colors:	16.7 M (8 bit / color)
Supported resolutions:	SD 525i and 625i HD 720p 25, 30, 50 and 60 Hz HD 1080i 50, 60 Hz HD 1080p 25, 30, 50 and 60 Hz
Video inputs:	1 x 3G-SDI Optional 1 x CVBS (PAL and NTSC) 1x VGA analog 1x DVI
Active display:	344 x 194 mm
Contrast ratio typ:	750 : 1
Brightness max:	1200 cd / m <sup>2</sup> (typ)
Brightness min:	0.37 cd/m <sup>2</sup> (typ)
Viewing angle:	±88° horizontal / ±88° vertical
Display window:	Hardened, scratch resistant
Power inputs:	18 V-32 V (24 V DC) / 35 W ref. To VG96916
Control outputs:	Backlight Brightness, USB Function Keys F1-F8 or tbd. OSD- Menue via Top Control
Connectors:	VG 96912 and coaxial
EMC / EMI:	VG 95373 (MIL-STD-461F/G on request)
Protection:	IP 65
Temperature:	-32 °C to +65 °C (operating) -32 °C to +80 °C (storage)
Dimensions:	435 x 314 x 66mm (W x H x D) w/o connectors
Weight:	approx. 6 kg
Paint finish:	RAL 6031 HR olive or TBD

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.