

Dual-Input 10,4" or 12,1" XGA Video-Display for Wheel and Chain Driven Vehicles

type number: 00658 | 00659



Description:

This very rugged XGA automotive video monitor has especially been developed for operating under very harsh environmental conditions as in wheel and chain driven military vehicles.

The tight and very stable housing construction combines IP 65 water protection and operation at increased ambient temperatures.

It provides 2 TNC video-inputs with buffered outputs to connect colour or monochrome cameras complying with PAL- or NTSC-standard. The video signal of the chosen camera is available at an additional TNC connector.

Optional the video information may be overlaid with customer defined positioning marks, symbols or cross hair sights.

The video-display can be mounted on a VESA Tripod via 4 shock mounts on upper and lower sides or on the rear.

All adjustments like contrast, brightness, signal sources, picture positions, etc. can be done by 4 keys located at the front or via RS232 interface.

Options:

- CVBS and/or Y/C signal input for PAL/NTSC compatible video signals
- Analogue RGB-input for standard PC signals from VGA to SXGA or
- Digital DVI input for direct connection of DVI TMDS transmitter compatible graphic cards.
- Resistive touch screen
- Wire-Mesh front glass to fulfil higher EMI requirements.
- Increased operating temperature range down up to -40 °C with internal heater.

Ask for further technical information!

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

Technical Data:

Timing:	CCIR / RS170
Display standards:	PAL, NTSC, VGA, SVGA, XGA, (SXGA downscaling)
Resolution:	XGA 1024 x 768; 8-Bit (16,7 mill. colours/ 256 grey levels)
Power supply:	18 Vdc - 36 Vdc according to VG96916-5
Signals:	CVBS, Y / C, RGB, TDMS Rx up to 160 MHz
Synchronization:	up to 85 Hz at SXGA (analogue RGB- input)
Connectors:	5 x TNC: <ul style="list-style-type: none"> ■ camera1 IN; 1 OUT ■ camera 2 IN; 2 OUT ■ selected camera OUT ■ power supply TBD
Controls:	On / Off Camera 1 / 2 Brightness "+" and "-"
Protection:	IP 65 according to EN 60529
Temperature:	-10 °C to +55 °C (operating) -25 °C to +70 °C (storage)

10,4" XGA Display (Type number 00658):

Brightness:	1000 cd/m ² max. (without anti-glare Filter)
Dimensions:	312 x 238 x 50 mm (W x H x D)

12,1" XGA Display (Type number 00659):

Brightness:	300 cd/m ² (typ.)
Dimensions:	312 x 263 x 55 mm (W x H x D)