



10" Multi Function Display with Picture-in-Picture Video Input

type number 00407



Main Features:

- Rugged MFD for use under harsh environmental conditions as in wheeled or tracked armoured military vehicles
- Integrated heating for temperatures below 0 °C
- Front panel controls are backlit foil keys. Keydimming depends on display brightness.
- Resistive touch system with daylight readable circular polarizer
- USB-Keyboard function keys F1 - F13
- Two port USB hub for external keyboard / mouse
- RS232 interface for initialising size and position of the camera picture
- User programmable brightness for night-vision backlight

The CCIR-camera picture can be displayed as an overlay within the DVI or RGB-analogue screen.

Options:

- RS232 feature via USB upstream

Optional accessories:

- Mounting adapters and wiring harnesses 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:	10.4" XGA LED LCD
Resolution:	1024 x 768 pixels (H x V) 16.7 Mio. colors
Display standards:	VGA, SVGA, XGA max. 60 Hz
Contrast ratio:	400:1 (typ.)
Brightness:	300 cd / m ² (typ.) at LCD-screen
Viewing angle:	±85° horizontal / ±85° vertical
Response Time:	25 ms (typ.) ton+toff
Power supply:	24 V DC (18 V DC - 32 V DC) according to VG 96916-5 without interruptions
Inputs:	<ul style="list-style-type: none"> ■ RGB analogue on 75 Ω ■ CVBS on 75 Ω ■ DVI 1.0 (cable length ≤ 4.5 m) ■ 2 x USB downstream port
Consumption:	< 30 W (< 80 W heated)
Controls:	<ul style="list-style-type: none"> ■ On / Off button ■ Brightness up / down ■ Backlight On / Off ■ Two Speaker Volume keys ■ Four On-screen Display keys
Connectors:	according to VG 96912
Shock:	25 g / 6 ms 100 g / 0.5 ms
EMI:	MIL-STD-461E
Protection:	IP 65 according to EN 60529
Temperature:	-32 °C to +55 °C (operating) -25 °C to +60 °C (storage)
Dimensions:	293 x 235 x 62 mm (W x H x D)
Weight:	approx. 3 kg
Color:	RAL6031 HR bronze green or TBD

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