

## Rugged 10,4" 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 screen 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 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:	10,4" XGA LED LCD
Resolution:	1024 x 768 pixels (H x V) 16,7 Mio. colours / 256 shades of grey
Display standards:	VGA, SVGA, XGA max. 60 Hz
Contrast ratio:	400:1 (typ.)
Brightness:	300 cd/m <sup>2</sup> (typ.) at LCD-screen
Viewing angle:	170° horizontal / vertical
Response Time:	25 ms (typ.) ton+toff
Power supply:	24 Vdc (18 Vdc - 32 Vdc) according to VG 96916-5 without interruptions
Inputs:	<ul style="list-style-type: none"> <li>■ RGB analogue on 75 Ω</li> <li>■ CVBS on 75 Ω</li> <li>■ DVI 1.0 (cable length ≤4,5 m)</li> <li>■ 2 x USB downstream port</li> </ul>
Consumption:	<30 W (<80 W heated)
Controls:	<ul style="list-style-type: none"> <li>■ On / Off button</li> <li>■ Brightness up / down</li> <li>■ Backlight On / Off</li> <li>■ Two Speaker Volume keys</li> <li>■ Four On Screen Display keys</li> </ul>
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
Colour:	RAL6031 HR bronze green or TBD

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