RD10HB Rugged Display

The right view for every situation

The RD10HB rugged display gives you crystal clear picture quality even in the harshest conditions. Specially designed for use in military vehicles, the 10.4" display features Picture-in-Picture so you can use two devices at once. It's also compatible with night vision (NVIS) and has a backlight kill switch for discreet night missions. And with eight programmable keys, the RD10HB helps you stay on top of the situation in the field as it develops.

Guaranteed performance
Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

RD10HB rear side

Benefits

- 10,4"
- 4:3 format
- 600 nits
- 13 factory programmable function keys
- NVIS compatible
- OSD menu in front panel
- PiP picture in picture function

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Technical Specification

Display	10.4" TFT display integrated resistive touch screen
Resolution	1024 x 768 pixel (XGA)
Format	4:3
Colour	Up to 16.7 million color or 256 levels of grey
Viewing angle	160 ° horizantal 160 ° vertical
Contrast	900:1
Luminance	Typical 600cd/m²
Reaction time	18 ms (T_{on} T_{off})
Interfaces	▪ *1x MIL DC-In* ▪ *1x MIL Video-In (for PiP function)* ▪ *2x MIL USB 2.0* ▪ *1x MIL DP-DVI / combo* ▪ *Grounding screw*
Audio	2 Speakers
Backlight	Dimmable to 10%
OSD menu	Yes
PiP	Yes
Blanking	Yes
Environmental specifications	Compliant to: IP65 MIL-STD-461E Ground Navy MIL-STD-810F
Options	▪ *1x MIL VGA / combo* *(trade-off with DVI Combo)* ▪ Mounting systems (e.g. for vehicle installation) ▪ TEMPEST Zone 1 – SDIP 27 Class B certification
Color	Military Green (RAL6031 HR) (other colors available at request)
Dimension	293 x 235 x 62 mm (W x H x D)
Weight	3 kg
Housing	Rugged milled aluminum

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, *(procedure II,I II)*	4572 m (15000 ft)	4572 m (15000 ft)
Shock Method 516.5, *(procedure I)*	15G / 3ms *100 hits verical half sine* 100G / 0,5ms *3 hits per axis half sine* 25G / 6ms *3 hits per axis half sine*	15G / 3ms *100 hits verical half sine* 100G / 0,5ms *3 hits per axis half sine* 25G / 6ms *3 hits per axis half sine*
Temperature Method 501.4 & Method 502.4, *(procedure I, II)*	-32 °C to 55 °C	-32 °C to 70 °C
Vibration Method 514.5, *(category 2 & 20b)*	5-500 Hz, 1G	5-500 Hz, G

RD10HB interfaces

X1	DC in 18 – 32 V DC
X2	1 x Composite video input 1 x Switched power voltage output 1 x RS232 (RX/TX) for PIP control
X3	DVI / Combo
X4	RGB analog / Combo
X5/X6	USB full speed downstream

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