

HD-30/2

30" WQXGA High Resolution, Wide-Screen Rugged Display

Rugged Displays and Computing: Displays



- Long life
- Multi-Touch
- Fast response time
- Wide viewing angles
- Fully MIL-qualified

Scioteq's HD-30/2 is a wide-screen rugged display that is ideal for use inside mobile shelter or naval environments. The HD-30/2 delivers bright and crisp graphics and video and allows you to perform accurate mission planning and present digital maps in their native resolution. The HD-30/2 uses highly accurate Infrared technology to support dual touch gestures (zoom, rotate...) and allows interaction with finger tips, gloves or stylus.

The new generation features power-efficient LED backlights, highly accurate Infrared technology and ultra-fast image rendering. Its energy efficient LED backlight produce less heat and ensure minimal power consumption while the fan-less and fully sealed (IP64) design ensures noiseless operation to improve operator comfort.

Designed for use in mission-critical environments

With its fast LCD response time (ca. 12 ms), the HD-30/2 renders fast moving images with vivid accuracy. The wide viewing angle (178°) offers optimum viewing comfort when multiple viewers are involved. Scioteq's HD-30/2 display is fully MIL-qualified in terms of vibration, shock and EMI/EMC, so it easily withstands the harsh environmental conditions of a typical mobile shelter or naval environment.

Product Specifications

Panel Type	Active Matrix LCD
Panel Active Area	30 inch diagonal
Resolution	2560 x 1600 (WQXGA)
Backlight	LED
Dimming Ratio	100:1
Contrast Ratio	1000:1
Brightness	250 cd/m ² (73 fL) typical
Viewing Angle	± 89° horizontal and vertical
Touch Screen	Infrared multi-touch
Signal Inputs	2560x1600x60Hz dual link DVI (MIL-C-38999 series III)
USB	MIL-C-38999 series III
Vibration	MIL-STD-810F Meth 514.5, Notice 3, Proc 1
Functional Shock	MIL-STD-810F Meth. 516.5, Proc I
Operational Temperature	MIL-STD-810F Meth 501.4 , Proc. II Meth. 502.4 , Proc. II High temp.: + 49°C - Low temp.: - 32°C
Storage Temperature	MIL-STD-810F Meth 501.4, Proc. I Meth. 502.4, Proc. I High temp.: + 71°C - Low temp.: - 45°C
Relative Humidity	max 95%
Enclosure	IP64
Altitude	Operating: 3,500 m (11,500 ft) - Non-Operating: 12,000 m (40,000 ft)
EMI/EMC	MIL-STD-461E
Controls	UP / DOWN / SEL / QUIT / STANDBY in conjunction with OSD
Indicators	Green 'Power' LED, Red 'Fault' LED
OSD	On Screen Display
Power	28 VDC
Power Consumption	85 W typical
Weight	17.5 kg
Cooling	Passive
Finishing	Bezel colour Black RAL9005
Approvals and Compliance	European CE: EN60950-1; EU RoHS, EU REACH

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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

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