

WorkForce

Today's harsh industrial environments require a Monitor capable of supporting digital inputs no matter the severity of use. Utilizing a high definition LCD, the WorkForce Displays have the flexibility to support two DVI (analog or digital) signals. The high-bright LED WorkForce Display Series delivers a hardened solution with ease of connectivity in mind. With five USB ports, operators can quickly view thumb drives, locally interface a computer network with mouse or keyboard, or simply power handheld devices. Optional features include a resistive touch screen, integrated heaters for low temperature operation and EMI-461 compliance, making the WorkForce a solid solution for industrial applications.

STANDARD FEATURES

- DVI-I Inputs (2), DVI-D and/or DVI-A
- USB Type A Receptacles (5)
- USB Type B Receptacle (1), Host PC Connection
- Full High Definition Resolution (1920x1080)
- Auto Scaling, VGA to FHD
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure (Sealed Connectors*)
- Bezel Keys
- 7.0", 10.1", 13.3", 15.6", 17.3" and 24" TFT AMLCD
- MIL-STD-810



* Cables not included

OPTIONAL FEATURES

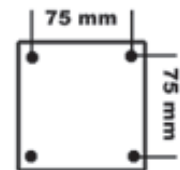
- Resistive Touch Screen (USB or RS-232 Interface)
- Night Vision Compatible – Monochrome Red/Green
- MIL-STD-461 Compliant
- Integrated Heaters

MOUNT OPTIONS

(Quoted individually)



RAM



VESA



LCD SIZE	RESOLUTION	LUMINANCE	VIEWING ANGLE	CONTRAST RATIO	MAXIMUM POWER CONSUMPTION
7.0" TFT AMLCD	1920x1080	500 nits	140° (H) x 120° (V)	600:1	30 Watts
10.1" TFT AMLCD	1920x1200	800 nits	170° (H) x 170° (V)	800:1	35 Watts
13.3" TFT AMLCD	1920x1080	400 nits	178° (H) x 178° (V)	800:1	35 Watts
15.6" TFT AMLCD	1920x1080	400 nits	178° (H) x 178° (V)	1000:1	35 Watts
17.3" TFT AMLCD	920x1080	400 nits	160° (H) x 140° (V)	600:1	40 Watts
24" TFT AMLCD	1920x1200	900 nits	178° (H) x 178° (V)	1000:1	75 Watts

TECHNICAL SPECIFICATIONS

Display	8-bit color, 16,777,216 colors. TFT AMLCD (Thin-Film Transistor Active-Matrix Liquid-Crystal Display)
Dimming Ratio	3000:1
Video Inputs	DVI-I (2) (DVI-D and/or DVI-A)
Housing	Milled Aluminum. Black Hard Anodized
Mount Options	RAM, VESA (75mm). Quoted individually.
Wide Range DC Power Input†	10-36 VDC (12, 24, 28 VDC nominal)
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity

ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP67 (NEMA 6 Submersible)
Operating Temperature	-20°C to 71°C (-4°F to 160°F) -40°C with heater option
Storage Temperature	-51°C to 71°C (-60°F to 160°F)
Humidity	0-100%
Altitude	45,000 ft.

MILITARY SPECIFICATIONS

MIL-STD-461 (Optional)	EMI (Optional)
MIL-STD-810	Method 501, II-Op: High Temperature
MIL-STD-810	Method 502, II-Op: Low Temperature
MIL-STD-810	Method 514, Procedure I, II, V, VI: General Vibration
MIL-STD-810	Method 516, Procedure I, Functional Shock
MIL-STD-1275D	Vehicle Power Requirements
MIL-PRF-22885	Sunlight Readability for Push Buttons
MIL-A-8625 Type III (Class 1 & 2)	Standard Finish

* - Cables not included.

† - Power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required.

ON-GOING PRODUCT DEVELOPMENT MAY NECESSITATE DESIGN AND SPECIFICATION CHANGES WITHOUT NOTICE.

