

10.4 INCH LCD DISPLAY DESIGNED FOR Q-70



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Anti Reflective Coating	AR coating minimizes specular reflections
Mount	6 point side mounting
Auto Position / Settings	Auto position resolution scaler
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics	
Display Size	260 mm diagonal
Resolution	640 X 480 colored pixels
Colors	262,144.00
Active Area	(H)158.4mm x (W)211.2mm
Pixel Pitch	.33mm(H) x 0.33mm(V)
Brightness	450 cd/m ²
Viewing Angle	Vertical: +/- 50 deg Horizontal: +/- 70 deg
Contrast Ratio	600:1 Typical (typ)
Response Time	33ms
Sync Range	Horizontal: 30 kHz to 82 kHz
Video non-interlaced	Min refresh rate 60 Hz / 72 Hz
Controls	Front mounted dimming knob : OSD control through mil-spec data connector
Power Input	18-24VDC 85-264 VAC 47 TO 63 Hz (optional)
Power Consumption	Less than 35 watts

Data Inputs	
VGA	(x1) D-sub (through mil-spec data connector)
NTSC	Optional BNC input
BNC	Optional 5-Wire RGBHV sync
DVI-D	Optional Dvi-D input

Mechanical Characteristics	
Bezel Dimensions	Outer dimensions (H)9.00" x (W)12.00" (over all depth) 1.88"
Weight	Less than 10 Lbs
Cooling	Natural convection/ fan

Environmental Characteristics			
Shock	Mil-S-901D, Grade A, Class1 Type A Mil-STD-810E	Vibration	Mil-STD-167-1a, Type 1
EMI	Mil-STD-461E	Drip Proof	Mil-STD-810E
Sand & Dust	Mil-STD-810E	Operating temp	-25 to 55 C
Non-operating temp	-40 to 70C		

LCD Options			
NVIS	Compatible backlight systems	High Altitude	Explosive Atmosphere compatible
LED	Optional LED high bright backlight	Touch Screen	Acoustic, Capacitive, Resistive. USB or rs232
Low/High Temp	-40 to 60C operating	X-term	Integrated Pentium based