

6.4 INCH LCD DISPLAY DESIGNED FOR B-1B



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Anti Reflective Coating	AR coating minimizes specular reflections
Mount	4 corner front mounting
Auto Position / Settings	Auto position resolution scaler
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics			
Display Size	163.2 mm diagonal		
Resolution	640 X 480 colored pixels		
Colors	262,144.00		
Active Area	(H)97.92mm x (W)130.56mm		
Pixel Pitch	.068mm(H) x 0.204mm(V)		
Brightness	250 cd/m ²		
Viewing Angle	Vertical: +/- 55 deg Horizontal: +/- 65 deg		
Contrast Ratio	400:1 Typical		
Response Time	10ms		
Sync Range	Horizontal: 30 kHz to 82 kHz		
Video non-interlaced	Min refresh rate 60 Hz / 72 Hz		
Controls	Full dimming capabilities through DB9 style input. Optional front mounted controls available		
Power Input	18-24VDC : 85-264 VAC 47 TO 63 Hz (optional)		
Power Consumption	Less than 30 watts		
Data Inputs			
VGA	(x1) D-sub		
NTSC	Optional BNC input		
BNC	Optional 5-Wire RGBHV sync		
DVI-D	Optional Dvi-D input		
Mechanical Characteristics			
Bezel Dimensions	Outer dimensions (H)5.75" x (W)7.75" (over all depth) 3.5"		
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