

NAVSEA APPROVED 20.1" DISPLAY



Display Features Overview	
NAVSEA qualified	O5P qualified
Backlight	High bright LED sunlight readable (optional)
Anti Reflective Coating	AR coating minimizes specular reflections
Mount	19 inch rack mount
Auto Position / Settings	Auto position resolution scaler from 640x480 to 1600x1200
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics			
Display Size	510.54 mm diagonal		
Resolution	1600 X 1200 colored pixels		
Colors	16.7 million		
Active Area	(H)306.0mm x (W)408.0mm		
Pixel Pitch	.255mm(H) x 0.255mm(V)		
Brightness	300 cd/m ²		
Viewing Angle	Vertical: +/- 89 deg Horizontal: +/- 89 deg		
Contrast Ratio	800:1 Typical		
Response Time	6ms		
Sync Range	Horizontal: 30 kHz to 82 kHz		
Video non-interlaced	Min refresh rate 60 Hz / 72 Hz		
Controls	Front controlled with full dimming capabilities		
Power Input	85-264 VAC 47 TO 63 Hz : 12 & 24VDC		
Power Consumption	Less than 35 watts		
Data Inputs			
VGA	(x1) D-sub		
NTSC	Optional BNC input		
BNC	5-Wire RGBHV sync		
DVI-D	(x1) Dvi-D input		
Mechanical Characteristics			
Bezel Dimensions	Outer dimensions (H)15.72" x (W) 19.0" (over all depth) 2.98"		
Weight	Less than 20 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