



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)

Display Characteristics			
Display Size	481.9 mm diagonal		
Resolution	1280 X 1024 colored pixels		
Colors	16.7 million		
Active Area	(H)301.056mm x (W)376.32mm		
Pixel Pitch	.098mm(H) x 0.294mm(V)		
Brightness	450 cd/m ²		
Viewing Angle	Vertical: +/- 80 deg Horizontal: +/- 80 deg		
Contrast Ratio	800:1 Typical		
Response Time	5ms		
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 75 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