



Display Features Overview	
Backlight	Ultra High bright LED sunlight readable (optional)
Anti Reflective Coating	AR coating minimizes specular reflections (optional)
Mount	Rear VESA mount
Auto Position / Settings	Auto position resolution scalar
RoHS	Lead free RoHS compliant (optional)

Display Characteristics			
Display Size	54.64 INCH (1387.8 mm diagonal)		
Resolution	3840 (H) X 2160 (V) colored pixels		
Colors	10 bit(D) 1.07 billion		
Active Area	(H)1209.6mm x (V)680.40mm		
Pixel Pitch	.315mm(H) x 0.315mm(V)		
Brightness	500 cd/m^2		
Viewing Angle	Vertical: +/- 89 deg Horizontal: +/- 89 deg		
Contrast Ratio	1100:1 Typical		
Response Time	8ms		
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 (optional)		
Power Consumption	80 watts Typ		
Data Inputs			
VGA	(x1) D-sub		
NTSC	Optional BNC input		
BNC	5-Wire RGBHV sync		
DVI-D	(x1) Dvi-D input		
HDMI	(X1) HDMI input		
Mechanical Characteristics			
Bezel Dimensions	Outer dimensions (H)30.30" x (W) 50.10" (over all depth) 4.50"		
Weight	Less than 60 Lbs		
Cooling	Natural convection		
Environmental Characteristics (designed to)			
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 ultra high bright backlight	Touch Screen	Acoustic, Capacitive, Resistive. USB or rs232
Low/High Temp	-40 to 60C operating	X-term	Integrated Pentium based