

## Product Features

- 40" Display with UHD 4K (3840 x 2160) native resolution
- Dimmable 0-100% with backlight light sensing
- Thin and Compact Design with impact resistant screen
- Panel Mount design with front side removable handle
- AR protection Glass or EMI ITO Glass (Optional)
- Fanless and Ventless design, Easy to clean



## Product Specifications

<b>TFT Technology</b>	LED Backlight Technology, TFT Active-matrix, Widescreen, IPS Technology
<b>Viewable Size</b>	40" diagonal
<b>Active Area</b>	878.1 (H) x 485.3 (V) mm
<b>Native Resolution</b>	3840 x 2160 (UHD 4K)
<b>Pixel Pitch</b>	0.0762 (H) x 0.2247 (V) mm
<b>Aspect Ratio</b>	16:9
<b>Response Time</b>	8.5ms (Gray to Gray)
<b>Light Intensity</b>	350 cd/m2 (typ),
<b>Contrast Ratio</b>	5000:1 (typ)
<b>View Angle</b>	89/89/89/89
<b>Max Colors</b>	1.07M
<b>Synchronization Signal</b>	Digital Separate Sync., Composite Sync.,
<b>Auto-detect</b>	Sync. On Green
<b>Synchronization Range</b>	31.5 kHz to 60.0 kHz (H) - 30 Hz to 75 Hz (V)
<b>Optimal Resolution and Hz</b>	3840 x 2160 @ 60 Hz
<b>Detectable Resolutions (Partial List)</b>	640 x 480, 720 x 400, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1080, 1920 x 1200, 2560 x 1440, 3840 x 2160, 4096 x 2160
<b>Power Specifications</b>	AC 110~240V (Default) DC 24V (Optional) MIL-DTL-38999/1 Connector Power Consumption 70W typical, normal operation
<b>User Controls and Activity</b>	Power, Brightness Down/Up, Auto Adjustment, Main Menu, Day/Night Mode, Key Pad Control

<b>Input Signal</b>	<ul style="list-style-type: none"> <li>• DVI</li> <li>• HDMI 1.4</li> <li>• HDMI 2.0</li> <li>• Display Port 1.2</li> <li>• VGA</li> <li>• Audio Line In</li> <li>• RS232 for Optional Remote Control</li> </ul>
<b>Product Dimensions</b>	978.2 x 580.4 x 88.55 mm
<b>Cutout Dimension</b>	924.3 x 564 mm
<b>Mounting</b>	VESA mounting 100 x 200 mm VESA mounting 200 x 200 mm VESA mounting 400 x 100 mm
<b>Product Weight</b>	11 Kg
<b>Glass</b>	AR Protection Glass or EMI ITO Glass (Optional)
<b>Operating Temperature</b>	0 deg.C to 50 deg.C, Humidity up to 95%
<b>Storage Temperature</b>	-10 deg.C to 60 deg.C, Humidity up to 95%
<b>Certificates</b>	CE, FCC
<b>Compliance</b>	MIL-STD-810F/G MIL-STD-461F/G (RE101/RE102), (CE101/CE102)



## Military Grade EMC Compliance

EMC (MIL-STD 461E/F Compliance)			
EMC Test Spec	Type of Test	Frequency Range	Requirement
CE101	Conducted Emissions	30Hz ~10kHz	30Hz ~ 1kHz :110 dB 1k-10k:110-90 dB
CE102	Conducted Emissions	30Hz ~10kHz	10kHz ~ 500kHz: 100-66dB, 500kHz~10MHz:66dB
RE101	Radiated Emissions	30Hz ~100kHz	(30~100k :180-110 dBpT)
RE102	Radiated Emissions	10kHz ~-18GHz	(2MHz~18G Hz: 44-89 dB)

## Military Grade Environmental Compliance

Environmentals (MIL-STD 810F/G Compliance)		
Low Pressure	Operating	15,000 ft, Method 500.5 / Procedure II
	Storage	15,000 ft, Method 500.5 / Procedure I
Salt Fog	Method 509.5	
Vibration	5 ~ 500 Hz, 1.48 & 1.90 & 2.24 Grms Method 514.6 / Procedure I	
Transit Drop	Method 516.6 / Procedure IV	
Shock	Method 516.6 / Procedure I	

## Mechanical Drawing

