

## 1. Large Display Screen Technical Specification

<b>Model</b>		Reputed Brands
<b>Installation</b>		Landscape / Portrait
<b>LCD Panel</b>		Min.85-inch widescreen UV <sup>2</sup> A LCD
	<b>Native Resolution</b>	Min. 3840x 2160 pixels or better.
	<b>Native Display Colours (approx.)</b>	1.06 billion colours
	<b>Pixel Pitch (H x V)</b>	1.038 x 1.038 mm
	<b>Brightness</b>	Min.500cd/m <sup>2</sup> or higher.
	<b>Contrast Ratio</b>	Min 400000:1 or higher.
	<b>Guaranteed Operation Hour</b>	Display panel should be able to work in 24x7 environments.
	<b>Viewing Angle (H/V)</b>	178°x178° (CR ≥ 10) or less.
	<b>Active Screen Area (W x H)</b>	1,993.0 x 1,121.0 mm or higher.
	<b>Wifi</b>	Display should be wifi dongle ready for Wifi Connectivity, if required.
	<b>Response Time</b>	8 ms (grey to grey, avg.) or lower.
	<b>Orientation</b>	Display should be able to work in portrait & landscape mode.
<b>Backlight</b>	LED, full array	
<b>Computer Input</b>	<b>Video</b>	Analogue RGB (0.7 Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards), Display Port 1.1
	<b>Synchronization</b>	Horizontal/vertical separation (TTL: positive/negative), Sync on green, Composite sync (TTL: positive/negative)
	<b>Plug &amp; Play</b>	VESA DDC2B
	<b>Power Management</b>	VESA DPMS, DVI DMPM
<b>Video Colour System</b>		NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM
<b>Input Terminals</b>		Display Port x 1, DVI-I x 1, Mini D-sub 15-pin x 1, HDMI x 2 (HDCP compatible), RS-232C x 1, 3.5 mm-diameter mini stereo jack x 2
<b>Output Terminals</b>		Display Port x 1 (supports video signals only), DVI-D x 1 (HDCP compatible), RS-232C x 1, 3.5 mm-diameter mini stereo jack x 1
<b>Input /Output Terminals</b>		LAN x 1
<b>Built-in Speakers</b>		10 W + 10 W(Two speakers of min 10W or better.)
<b>Power Supply</b>		100V – 240V AC, 50/60 Hz
<b>Power Consumption</b>		660 W or less.
<b>Environmental Conditions</b>	<b>Operating Temperature</b>	0°C to 40°C
	<b>Operating Humidity</b>	20% to 80% RH (no condensation)
<b>Dust &amp; Humidity Protection</b>		Display panel should have conformal coating on screen to protect from dust & humidity.
<b>Certificates</b>		Panel should have internationally certified with UL, cUL, FCC class A or better.
<b>Stand</b>		Stand should be provided free of cost as per requirement.
<b>Warranty</b>		3 years onsite standard comprehensive warranty. 3 years onsite standard comprehensive warranty.OEM should have its service & support centre working in Uttarakhand State for last five years.