

Specification	Y47	Y55
<b>Display</b>		
LCD Manufacturer	LG	LG
LCD Resolution	1920 x 1080p	1920 x 1080p
Brightness	2000 cd/m2 (Nits)	2000 cd/m2 (Nits)
Backlight Type	White LED (Nichia of Japan)	White LED (Nichia of Japan)
LED Backlight Lifetime	100,000 hours to half brightness	100,000 hours to half brightness
LCD Lifetime (average)	7-10 years	7-10 years
Viewing Angle	178° horizontal/vertical	178° horizontal/vertical
Contrast Ratio	3,000,000:1	3,000,000:1
Dimming Capability	Standard: None/Custom: Available**	Standard: None/Custom: Available**
White Color Temperature	6500 Kelvin	6500 Kelvin
<b>Electrical and Operating Specifications</b>		
Input (Volts/Frequency)	90-240 VAC / 50-60Hz	90-240 VAC / 50-60Hz
Total Power (Watts)	1500 Watts	1,800 Watts
Circuits Required for Operation	One (1) 20 Amp/120 Volt	One (1) 20 Amp/120 Volt
<b>Composition (Size, Weight, Construction)</b>		
Cabinet Construction	Powder Coated Extruded Aluminum	Powder Coated Extruded Aluminum
Safety Glass	Schott (Germany) Annealed Double pane anti-reflective type	Schott (Germany) Annealed Double pane anti-reflective type
System Weight	147 lbs. / 66.8 kg	181 lbs. / 82.87 kg
Weatherproofing	Silicone gasketing/seal	Silicone gasketing/seal
<b>Computer/Media Player</b>		
Embedded Computer	Compulab fit-PC3 Dual Core 1.65 GHz 4GB Ram, 250GB Hard Drive Windows 7 Pro WiFi 802.11 b/g/n   4 USB inputs	Compulab fit-PC3 Dual Core 1.65 GHz 4GB Ram, 250GB Hard Drive Windows 7 Pro WiFi 802.11 b/g/n   4 USB inputs
Software/Content Delivery/Player	YESCO <u>SmarterSign</u> **	YESCO <u>SmarterSign</u> **
Network Connectivity	Cradlepoint IBR600LE wireless enabled router/modem	Cradlepoint IBR600LE wireless enabled router/modem
Network Switch	NetGear 5 port switch	NetGear 5 port switch
<b>Environmental Control System (Optional)</b>		
Cooling Type	Y8K Environmental Control AC	Y8K Environmental Control AC
Air Filter	Washable Stainless Steel	Washable Stainless Steel
<b>Safety Specifications</b>		
Underwriters Laboratory (UL)	UL48 Listed Sign	UL48 Listed Sign
European Conformity (CE) Compliant	Yes	Yes
ROHS Compliant	Yes	Yes