

LS-6.67 LED Screen

Specifications		
Output	Pixel Pitch	6.67 mm
	Light Source	96 x 96 pixel 3in1 SMD 3030 LEDs
	Total pixel per panel	9,216 pixels
	Total pixel per sqm	22,500 pixels
	Light output	5000 cd/nits per sqm
	Color temperature	6500
	Color gamma	65536
	Colors	16,7 mill
	LEDs expected lifetime	50,000 hours*
Optics	Viewing angle	140°
Features	Contrast ratio	2,000:1
	Refresh rate	2,300 Hz
	Frame rate	60 frames / second
	Grey scale	16bit
Electrical	SMPS	100 - 240 VAC Nominal 50/60 Hz
	Typical power consumption	200W per panel 490W per sqm
	Max. power consumption	270W per panel 650W per sqm
	Interconnected	Max. 10 panels at 240VAC / 5 panels at 100VAC
Programming and Control	Control system	Asynchronous video signal (RJ45)
	Scaler input signals	Composite, YUV, YC, DVI, HDMI, VGA, SDI, HDSGI, 3D HDSDI
	Communication interface	RD-232 / RS-422 / RS-485
	IC Chip	SUM2030
Physical	Dimensions (L x H)	640 x 640 mm (25.20 x 25.20 in.)
	Weight (per panel)	12.5 kg (27.56 lbs.)
	Weight (per sqm)	30.5 kg (67.24 lbs.)
	Material	Die casting aluminium
Installation	Rigging possibilities	Suspended with hanging bar
	Rigging limitations	Maximum 14 panels vertical, no limitations horizontal**
Thermal	Temperature range, Operating	-10° to 40° C (14° to 104° F)
	Temperature range, Start-up	-10° to 40° C (14° to 104° F)
	Humidity	10-90%RH
	IP class (Front/Rear)	IP65/IP65
	Cooling	Passive, no noise
Connections	Power	Neutrik true1 power input and linkthru
	Data	Neutrik RJ45 input and linkthru
Certification	EU Safety	EN60950-1
	EU EMC	EN55022, EN55024, EN61000-3-2, EN61000-3-3
Included Items	Included items	Order no: 80040011 - LS-6.67 IP65 LED Panel with Neutrik & Novastar (640x640mm) Order no: 82052003 - Flightcase for LS-6.67/LS-10 IP65 LED Screen (6 panels/case)
Fixture and Accessories	Fixture	Order no: 80040011 - LS-6.67 IP65 LED Panel with Neutrik & Novastar (640x640mm)
	Data cables	Order no: 83062032 - Data Link cable (Vertical) 0.35 mtr Neutrik for LS-6.67/LS-10 IP65 LED Screen Order no: 83062033 - Data Link cable (Horizontal) 0.80 mtr Neutrik for LS-6.67/LS-10 IP65 LED Screen
	Power cables	Order no: 83062034 - Power Link cable (Vertical) 0.4 mtr Neutrik for LS6.67/LS-10 IP65 LED Screen Order no: 83062038 - Power Link cable (Horizontal) 0.8 mtr Neutrik for LS6.67/LS-10 IP65 LED Screen Order no: 83062035 - Main power input cable 15 mtr Neutrik for LS-6.67/LS-10 IP65 LED Screen Order no: 83062036 - Main signal input cable 15 mtr Neutrik for LS-6.67/LS-10 IP65 LED Screen
	Rigging	Order no: 83061124 - Hanging bar 636mm for LS-6.67/LS-10 IP65 LED Screen Order no: 83061125 - Support bracket for LS-6.67/LS-10 IP65 LED Screen Order no: 83061126 - M10x16mm Screws for support bracket for LS-6.67/LS-10 IP65 LED Screen
	Controllers	Order no: 80070222 - MCTRL-300 for control of up to 1.3mill pixels Order no: 80070225 - MCTRL-610 for control of up to 2.3mill pixels
	Extender kit for controllers	Order no: 80070226 - CVT320 Fibre Optic RJ45
	Scaler	Order no: 80070224 - Scaler, VSP-550DS
	Lightsensor	Order no: 80070227 - Lightsensor for MCTRL controller series
	Flightcase	Order no: 82052003 - Flightcase for LS-6.67/LS-10 IP65 LED Screen (6 panels/case) Order no: 82054510 - Flightcase Accessories for LS-6.67/LS-10 IP65 LED Screen

*(Figure provided by manufacturer and obtained under manufacturer's test conditions)

** Refer to user manual for more details