LED Video Walls

P2.0 - LI20F9B2

General

Operating environment	Indoor	Pixel pitch	2.0mm
Service type	Front access	Brightness (nits)	900
Contrast Ratio	85000	Lamp type	SMD 1515
Lifespan (hours at %50 brightness)	100K	White color calibration (adj.)	Only LED brightness calibration
Gray scale	13 bits	Brightness control	256 level

Module Specifications

Module dimensions (mm)	320x160	No. of Modules per Cabinet (W × H)	2x3
Refresh frequency	3180Hz	Module resolution	160x80
LED drive method	Dynamic	D-IC Vendor	Chipone
D-IC part name	ICND2153	Tcon Vendor	Novastar
Tcon part name	A5S Plus		

Panel Specifications

Panel material	Die-casting aluminum	Panel paint	ES powder coated
Panel dimensions (mm)*	640x480	IP level	N/A
Panel weight	8,8 kg	Panel resolution	320x240
Pixel density (pcs/sqm)	250000	Viewing angle (horizontal x vertical)	160° x 160°
Minimum viewing distance(meter)	>2	Operating temperature range	0C ~ +40C
Storage temperature range	-20C ~ +60C	Operating humidity	10% ~ 90%
Power input voltage	110 ~ 240 VAC	Power input frequency	50 ~ 60 Hz
Average power per sqm (%30 Gray)	86	Max power per sqm(W)	613
Active PFC	YES	Load regulation	2.5%
Panel installation type	Fixed	Cooling	Passive cooling

Other

Standard video sources*	Subject to Sending Box Selection	Other direct video sources	Subject to Sending Box Selection
Brightness adjustment	Automatic Subject to Sending Box Selection	Death pixel monitoring	N/A
Module monitoring	Yes with PC	Temperature monitoring	Yes with PC
Smoke monitoring	N/A	Voltage monitoring	Yes with PC
Power redundancy	N/A	Signal path backup	N/A
Signal transmission	CAT5e	Standby scheduling	N/A
Power on/off scheduling	N/A	Power saving mode	Yes
Certification*	Safety 60950-1, EMC EN 55032:2015 – Class A, EN 55024:2010 + A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013		