



Indoor Professional LED Display Television, Broadcast

Model No.: P2.5-IC32S-SMD2121-128x64-L960xH960

No.: EAGER20210817-J

Date: 2021-8-19

ATTN: IP Teleradio Moldova

Item & No.		Description	Qty			Remark
1	Indoor LED cabinet	P2.5,SMD2121,1/32 duty,960x960x105mm(18pcs)	18 pcs			Kinglight LED, Die-cast cabinet with cable connectors,1920Hz refresh rate,3pcs receiving cards ,18pcs modules and 3pcs power supplies .
2	Spare LED module	P2.5,SMD2121,1/32 duty,320x160mm	24 pcs			For spare use
3	Spare receiving card	Novastar MRV208	5 pcs			For spare use
4	Spare power supply	5V40A	5 pcs			For spare use
5	Wooden case	5 cabinets packed into one case	4 pcs	included		For package

4. Service and Guarantee:

- Guarantee time: 2 years quality guarantee, and we will replace or repair all the parts if any problem belong to us during this period (delivery cost paid by sender); 2 years later, we provide spare parts for replacement

Main Spare Parts (free of charge)



Item & No.		Qty.
1	LED module	5 pcs
2	Receiving card	on request
3	Power supply	1 pcs
4	Flat cable between modules	5 pcs
5	Flat cable between receiving card and module	5 pcs
6	Signal cable between cabinets	3 pcs
7	Power cable between module and power supply	5 pcs
8	Power cable between cabinets	2 pcs
9	Driving IC, other IC, screws, etc	enough

◆ Technical Specification:

Product mode		P2.5-IC32S-SMD2121-128x64-L960xH960			
1.LED Lamp Specification					
Color	Package	Intensity	Viewing Angle	Wavelength	Testing Conditions
Red	SMD2121	45mcd	120°	622nm	25℃,15mA
Green		160mcd	120°	525nm	25℃,10mA
Blue		25mcd	120°	470nm	25℃,5mA
2.Module Parameter					
Pixel Pitch		2.5 mm			
Pixel Configuration		SMD2121			
Density		160,000 pixels/m ²			
Module resolution		L	128	pixels	
		H	64	pixels	
Module dimension		L	320	mm	
		H	160	mm	
		D	18	mm	
Driving Mode		Constant current, 1/32 duty			
Module Mask		Pure black mask---high contrast screen			
3.LED Cabinet					
Module Quantity in a Cabinet		L	3	pcs	
		H	6	pcs	
Cabinet Dimension		L	960	mm	
		H	960	mm	
		D	105	mm	
Cabinet resolution		L	384	pixels	
		H	384	pixels	
Cabinet material		Die-Cast magnesium alloy			
Weight		≈	18.0	kg/cabinet	
4. Screen					
Cabinet quantity of whole the screen		L	5	pcs	
		H	3	pcs	
Screen resolution		L	1920	pixels	
		H	1152	pixels	
Final screen size		L	4.80	m	
		H	2.88	m	
Final screen size in			13.82	m ²	
5.Packaging					
Packing way		5 cabinets packed into one			
Packing box material		Wooden case			
Packing box size		L	1010	mm	
		W	665	mm	
		H	1140	mm	

Packing box quantity	4	pcs
Total volume	≈	3.06 m ³
Gross weight	≈	490 kg
6.Electricity Parameter		
Optical Ratings		
brightness	≥800	(cd/m ²)
Viewing Angle	120°(Horizontal); 120°(Vertical)	
Best viewing distance	≥2.5	(m)
Gray grade	14	(bit)
Display color	4.4	trillion colors
Brightness adjusted	100 grades by software or automatically by sensor	
Operation Power	AC100-240V 50-60Hz Switchable	
Max. Power Consumption	457 W/m ²	
Avg. Power Consumption	153W/m ²	
Control System		
Frame Frequency	≥60	Hz
Refresh frequency (Hz)	≥1920	Hz
Input signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	
Control Distance	100m(Ethernet cable) ; 20KM(optical fiber cable)	
Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200	
Color temperature	5000~9300	adjustable
Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet	
Reliability		
Working Temperature	-20~+60 °C	
Storage Temperature	-30~+70 °C	
Working Humidity	10%~90% RH	
Lifetime	100,000 hours	
MTBF	5000 hours	
Continuous Operating Time	≥72 hours	
Protection Grade	IP31	
Out-of-Control Pixel Rate	≤0.01%	

◆ **Relevant pictures(for reference only)**









