DGLED-Indoor

Full-Color LED Display



- Displays position prompt of signal cable connection, convenient for quick connection of display unit and troubleshooting
- Acquires network statuses of receiving cards to help handle network communication problems
- Network loop backup improves product stability
- Dual-program backup enables the backup program of receiving cards for upgrade and restoration when exceptionccurs during program upgrading
- Loads parameters from the screen
- Low gray scale multiplication technology ensures more exquisite images

Specifications

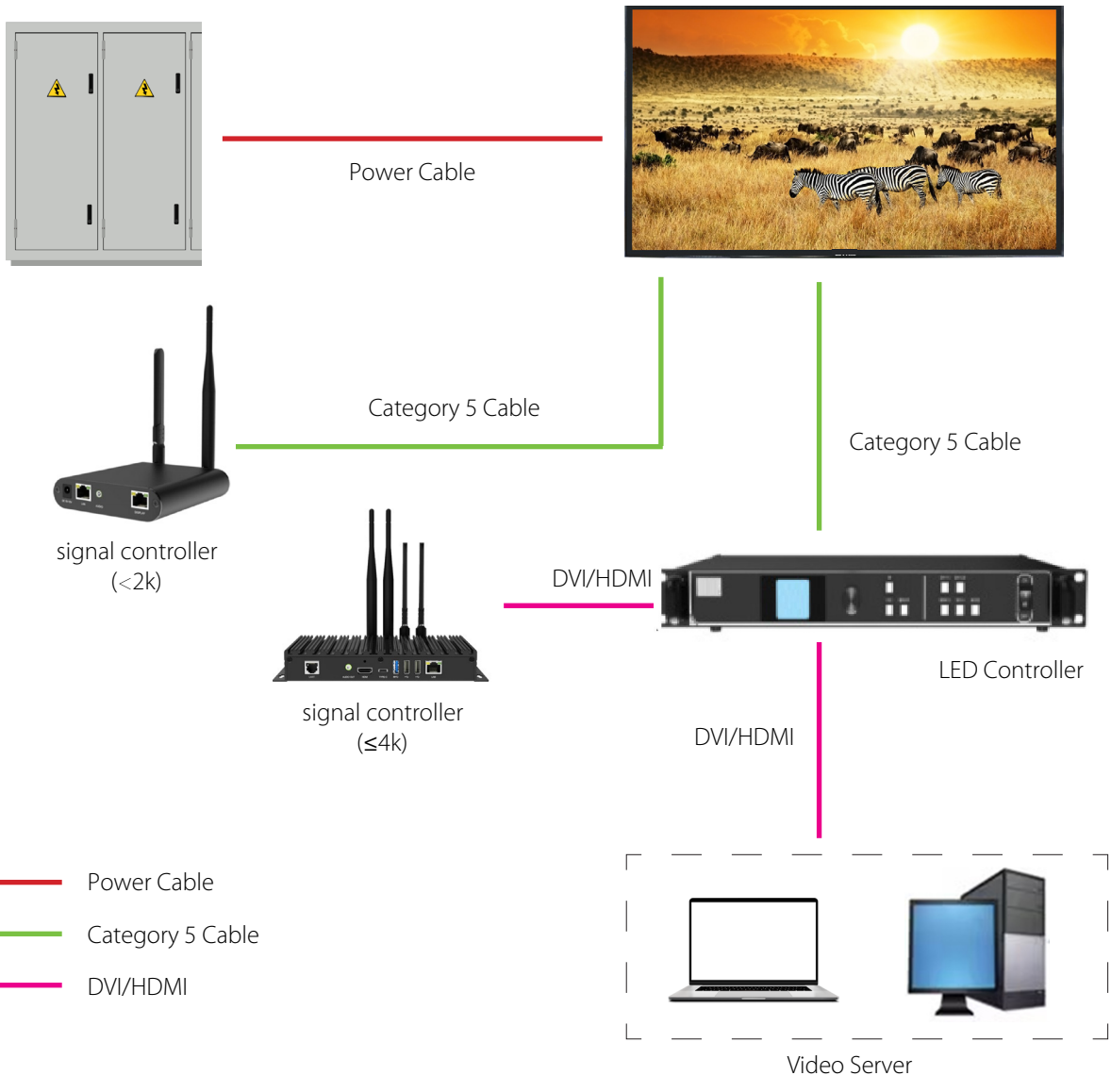
Model	DG01-A1P15	DG01-A1P18	DG01-A1P25	DG01-A1P30
Cabinet Parameters				
Modules Component	3*2	3*2	3*2	5*5
Dimensions (WxHxD)	640*480*65mm	640*480*65mm	640*480*65mm	960*960*100mm
Resolution	426*313	344*258	256*128	320*320
Area	0.3072㎡	0.3072㎡	0.3072㎡	0.9216㎡
Receiving Card	HUB75 Interface	HUB75 Interface	HUB75 Interface	HUB75 Interface
Power Supplies Module	Input AC 200-240V, Output 5V40A.	Input AC 200-240V, Output 5V40A.	Input AC 200-240V, Output 5V40A.	Input AC 200-240V, Output 5V40A.
Power Supply (V)	100 - 240	100 - 240	100 - 240	100 - 240
Weight	8.6KG	8.6KG	8.6KG	18KG
Lamp Board Housing	no housing	no housing	no housing	no housing
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
Cabinet Flatness	0.1mm	0.1mm	0.1mm	0.1mm
Protection Level	Front protection level IP5X	Front protection level IP5X	Front protection level IP5X	Front protection level IP5X
Module parameters				
Pixel pitch	1.5mm	1.8mm	2.5mm	3.0mm
Pixel Density	422,500Dots/㎡	288,906Dots/㎡	160,000Dots/㎡	111,111Dots/㎡
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	CEC (China Electronics) Encapsulation, with Chip-on-Board (COB) technology	SMD1515	SMD2121	SMD2121
Size	320*160*14.7mm	320*160*14.7mm	320*160*14.7mm	192*192*14.7mm
Weight	0.43kg±0.01kg	0.43kg±0.01kg	0.43kg±0.01kg	0.33kg±0.01kg
Structural Features	Integrated Lamp and Driver	Soft Connection	Soft Connection	Soft Connection
Module Resolution	209*104	172*86	128*64	64*64
Input Voltage (DC)	4.2~4.5V	4.2~4.5V	4.2~4.5V	4.2~4.5V
Maximum Current	≤4.5A	≤4.5A	≤4A	≤4A
Signal Input Interface Type	HUB75 (two sets of data)	HUB75 (two sets of data)	HUB75 (two sets of data)	HUB75 (two sets of data)
Color temperature	≥10000	≥10000	≥10000	≥10000
Module Power	≤40	≤20.25W	≤18W	≤22W
Display color	>16.7M	>16.7M	>16.7M	>16.7M
Brightness	≥800cd/㎡	≥800cd/㎡	≥800cd/㎡	⩾800cd/㎡
Brightness Uniformity	>0.95	>0.95	>0.95	>0.95
Horizontal Viewing Angle	160±10 degrees	160±10 degrees	160±10 degrees	140±10 degrees
Vertical Viewing Angle	120±10 degrees	140±10 degrees	140±10 degrees	130±10 degrees
Best Viewing Distance	≥1.53m	≥5.5m	≥7.5m	≥3m
Usage Environment	Indoor	Indoor	Indoor	Indoor
Frame Frequency	≥60Hz	≥60Hz	≥60Hz	≥60Hz
Refresh Frequency	3840Hz	3840Hz	3840Hz	3840Hz
Service Life	≥100,000 Hours	≥100,000 Hours	≥100,000 Hours	≥100,000 hours
Mean Time Between Failures (MTBF)	≥5,000 Hours	≥5,000 Hours	≥5,000 Hours	≥5,000 hours
Attenuation Rate (after 3 years of operation)	≤10%	≤10%	≤10%	≤10%
Continuous Out-of-Control Points	0	0	0	0

Discrete Out-of-Control Points	<30PPM, 0 at the time of factory shipment	<30PPM, 0 at the time of factory shipment	<30PPM, 0 at the time of factory shipment	<30PPM, 0 at the time of factory shipment
Dead Pixel Rate	<50PPM, 0 at the time of factory shipment	<50PPM, 0 at the time of factory shipment	<50PPM, 0 at the time of factory shipment	<50PPM, 0 at the time of factory shipment
Operating Temperature Range	-20℃-40℃	-20℃-40℃	-20℃-40℃	-20℃-40℃
Operating Humidity Range	10%-65%RH (non-condensing)	10%-65%RH (non-condensing)	10%-65%RH (non-condensing)	10%-65%RH (non-condensing)
Module Flatness	<0.2mm	<0.2mm	<0.2mm	<0.2mm

• Available Model

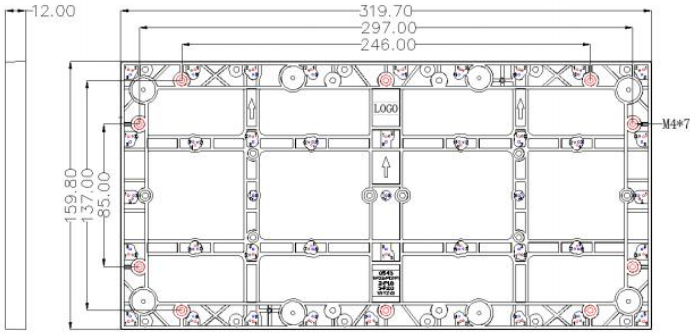
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• Typical Application

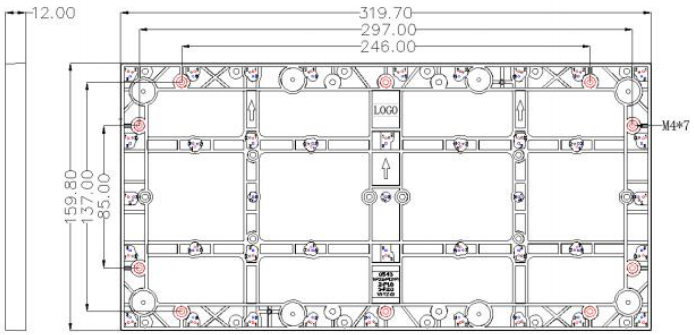


· Dimensions

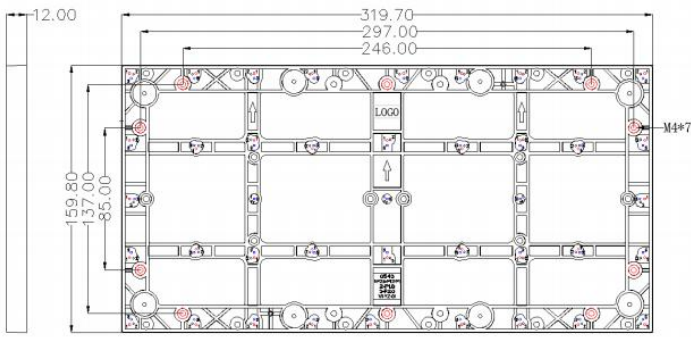
· P1.5



· P1.8



· P2.5



· P3.0

