

DS-D4012FI-GW LED Full-Color Display Unit



Features and Functions



For video wall composition with superior luminance uniformity and black mura prevention



High brightness provides vivid images in a range of lighting conditions



Superior contrast ratio



Broadcast grey processing gives more image details



Superior brightness and color uniformity maintains smooth and complete image quality



Ultra high refresh rate



Nanosecond response time



Long service life



Wide viewing angle (160°)



High aperture ratio and wide color gamut coverage (NTSC 72%)



Low heating and superior cooling system ensures high reliability and environmental protection.



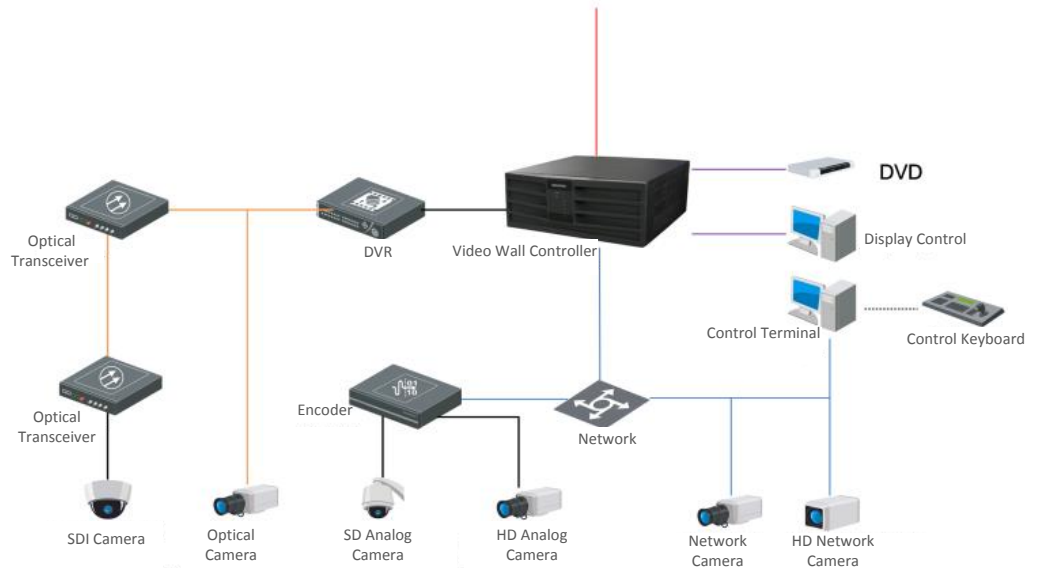
Specifications

Model	DS-D4012FI-GW	
LED Module	Module type	Surface mounted trinity LED
	Pixel pitch	1.27 mm
	Resolution (W × H)	120 × 90
	Dimensions (W × H)	152.48 × 114.36 mm
LED Unit	Modules component (W × H)	4 × 3
	Resolution (W × H)	480 × 270
	Screen area	0.2093 m ²
	Pixel density	619,350 pitch/ m ²
	Aspect ratio	16 : 9
Optical	Brightness (nits)	400
	Color temperature	3000 to 6000 adjustable
	Viewing angle	Horizontal 160°, vertical 160°
	Recommended viewing distance	≥ 2 m
	Center distance deviation of LED	< 3%
	Brightness uniformity	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy
Electrical	Max. consumption (W/m²)	850
	Average consumption (W/m²)	270
	Power supply	100 to 240 VAC ± 15%
Processing Performance	Driving mode	Constant current driving
	Frame frequency	60 Hz
	Refresh rate	3, 840 Hz
	Processing depth (bit)	16
	Grey level (bit)	65, 536
	Color	281.4 trillion
General	Brightness control	Auto/Manual
	Working hours	≥ 100,000 h
	Working temperature	-10 to 40 °C (14 to 104 °F)
	Storage temperature	-20 to 60 °C (-4 to 140 °F)
	Working humidity	10 to 80 % (non-condensing)
	Storage humidity	10 to 85% (non-condensing)
	Dimensions (W × H × D)	609.9 × 343.1 × 75 mm (24.0 × 13.5 × 2.95 inch)
	Weight	≤ 37.3 kg (82.2 lb)
Ingress protection	IP5X	
Material	Aluminium	

Note: All specifications mentioned above are subject to the actual product.

Typical Applications

- Optical Fiber
- BNC
- IP
- VGA
- DVI/HDMI
- - - RS232



Available Models

DS-D4012FI-GW

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