

## DS-D4040FI-M Full-Color LED Module



### 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 (120°)



High aperture ratio and wide color gamut coverage (NTSC)



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



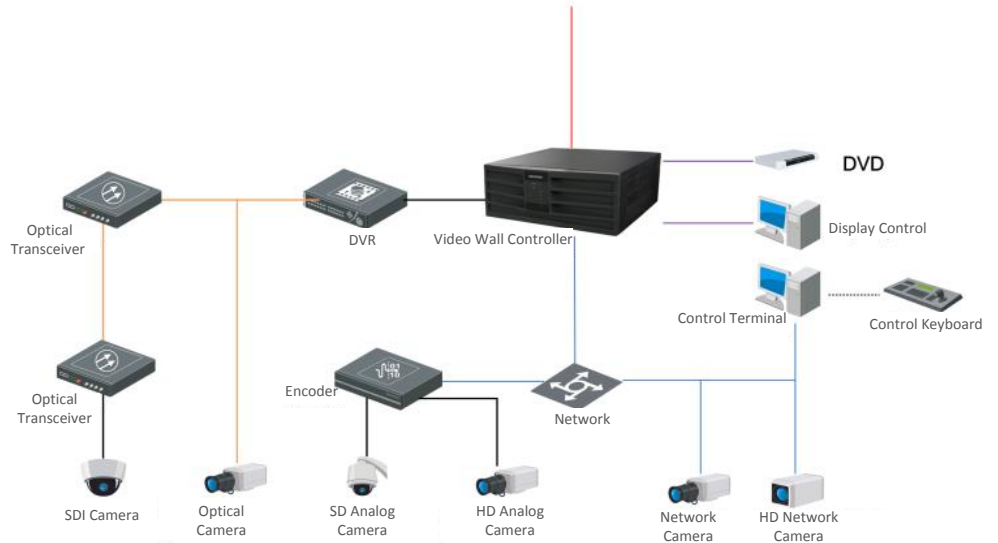
## Specifications

Model	DS-D4040FI-M	
LED Module	<b>Module type</b>	Surface mounted trinity LED ( SMD2121)
	<b>Pixel pitch</b>	4 mm
	<b>Resolution (W × H)</b>	64 × 32
	<b>Pixel density</b>	62,500 pitch/ m <sup>2</sup>
Optical	<b>Brightness (nits)</b>	800
	<b>Color temperature</b>	3200 to 9300 adjustable
	<b>Viewing angle</b>	Horizontal 120°, vertical 120°
	<b>Recommended viewing distance</b>	≥ 4 m
	<b>Brightness uniformity</b>	≥ 97%
	<b>Color uniformity</b>	≤ ± 0.003 Cx, Cy
	<b>Contrast</b>	≥3000 : 1
Electrical	<b>Max. consumption (W/m2)</b>	800
	<b>Average consumption (W/m2)</b>	500
	<b>Power supply</b>	100 to 240 VAC ± 15%
Processing Performance	<b>Driving mode</b>	Constant current driving
	<b>Frame frequency</b>	60 Hz
	<b>Refresh rate</b>	1,000 Hz
	<b>Processing depth (bit)</b>	16
	<b>Grey level (bit)</b>	65,536
	<b>Color</b>	>16.7 M
	<b>Brightness control</b>	Auto/Manual , 256 levels adjustable
General	<b>Working hours</b>	≥ 100,000 h
	<b>MTBF</b>	≥ 10,000 h
	<b>Continuous working hours</b>	≥ 48 h
	<b>Working temperature</b>	-20 to 50 ° C (-4 to 122 ° F)
	<b>Storage temperature</b>	-40 to 60 ° C (-40 to 140 ° F)
	<b>Working humidity</b>	10 to 95 % (non-condensing)
	<b>Storage humidity</b>	10 to 95% (non-condensing)
	<b>Power</b>	≤ 15 W
	<b>Dimensions (W × H × D)</b>	256 × 128 × 16.1 mm (10.1 × 5.0 × 0.6 inch)
	<b>Weight</b>	≤ 9.75 kg (21.5 lb)

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

## Typical Applications

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



## Available Models

DS-D4040FI-M

Distributed by



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