



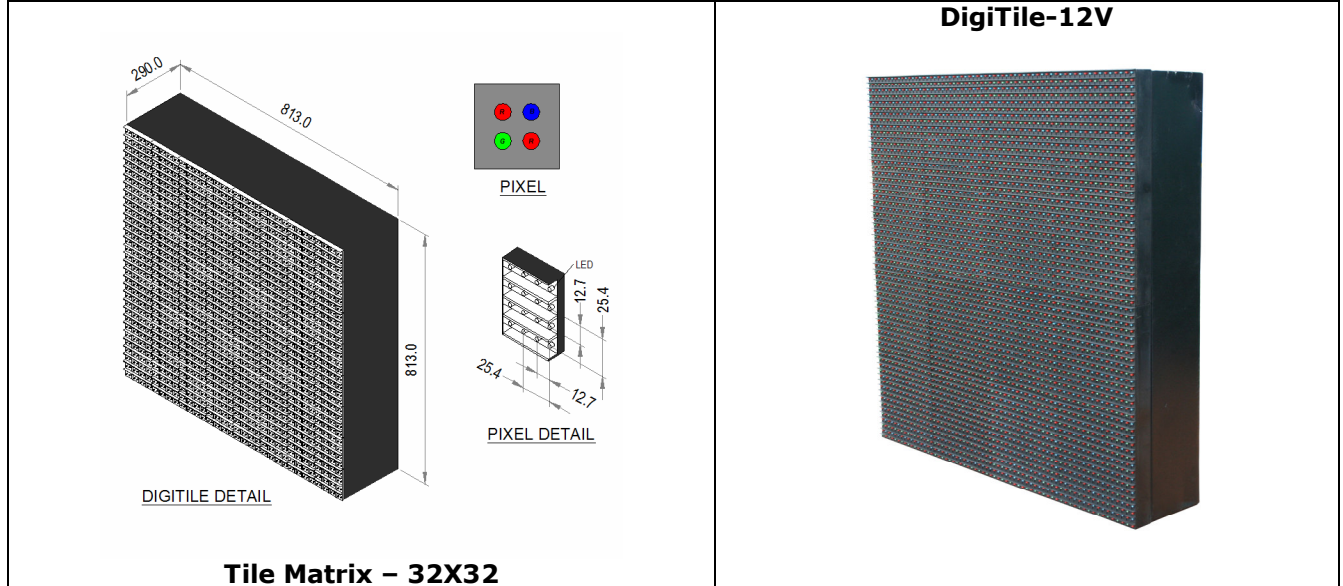
DigiTile-12V

MIC's DigiTile-12V, is a Daylight LED Video Wall product that can be used for a variety of outdoor display requirements. Having premium features like 12.70 mm visual pixel resolution, high brightness of 7500NIT and IP66 (Front-side) and IP54 (Rear- side) rated ruggedness. This module is best suitable for all kinds of Outdoor Display applications like Live show events, Large public entertainment, Publicity & Advertisement and theme parks.

DigiTile-12V is equipped with high-bright Nichia LEDs and state-of-the-art electronics control, delivers sharp and highly contrastable picture even in the broad daylight. State-of-the-art features like 16 bit processing per prime colour, 3600Hz refresh rate added with Scan+ Technology give resolution & stable video with perfect picture depth. Intensity, brightness, contrast and other video attributes are perfectly controllable by the tested electronics & software. Our proprietary Scan+ technology gives high resolution & stable video with perfect picture depth. This also improves the quality of the picture to provide uniform visual attributes across the total screen.

Having IP66 and IP54 rated ruggedness on front-side and rear- side respectively, this module is best suitable for all kinds of Outdoor Display applications like live show events and outdoor advertisement. IP66 rating of metallic enclosure of the module strengthens Outdoor Display System in all kinds of weather conditions. Optional Locking facility for each Tile makes quick implementation of installation and dismantling of Outdoor Displays.

DigiTile-12V22-OSL-32x32 - Specifications



Tile Matrix – 32X32

1	Resolution	Pitch	Visual	12.7 mm	
			Physical	25.4 mm	
		Pixel Density	Visual	64 x 64 = 4096 Pix / Tile	
			Physical	32 x 32 = 1024 Pix / Tile	
			Visual	6208 Pix / Sq-Mtr	
			Physical	1552 Pix / Sq-Mtr	
2	Pixel Information	Pixel Configuration	2Red+1Green+1Blue (5mm oval)		
		LED make	Nichia, Japan		
		* LED Life	100000 Hours		
		Brightness	7500 NIT (cd / Sq-Mtr)		
		Red LED Wavelength	615 - 635nm		
		Green LED Wavelength	520 - 535nm		
		Blue LED Wavelength	464 - 475nm		
		White Balance	X = 0.33	Y = 0.33	5600°K (Adjustable up to 9000°K)
3	Viewing	Horizontal Viewing Angle	110°		
		Vertical Viewing Angle	40°		
4	Power	Input Voltage	100-240V AC, 50/60Hz		
		Power Consumption-Max.	240 Watts / Tile		
		Typical Power Consumption-Average	80 Watts / Tile		
5	Tile Physical Dimensions	Depth	250 mm		
		Area	0.66 Sq-Mts		
		Height	812.8 mm		
		Width	812.8 mm		
		Weight	34 Kgs.	74.95 lbs (Approx)	
6	Tile Engineering	Number of LED PCB Panels	8 / Tile		
		Tile casing Rear Case Material	Powder Coated Aluminum Alloy		
		Module Access	Rear Access		
		Louvers / Shades	Replaceable		
7	Environmental Conditions	Temperature Range	Operating 0 to 50°C		
		Humidity	Operating 0 to 90%		
8	Processing	Data Processing	16 Bit		
		Colors	281 Trillion		
		Refresh Rate	3600 Hz		

* - Under Typical Operating Conditions.

** - Viewing angle considered at 25% of the intensity at the center.