



DigiTile-8V

MIC's DigiTile-8V, is a Daylight LED Video Wall product that can be used for a variety of outdoor display requirements. Having premium features like 8.128 mm visual pixel resolution, high brightness of 9000 NIT 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-8V 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-8V43-OSL-80x60 - Specification				
1	Resolution	Pitch	Visual	8.128 mm
			Physical	16.256 mm
		Pixel Density	Visual	160 x 120 = 19200 Pix / Tile
			Physical	80 x 60 = 4800 Pix / Tile
			Visual	15136 Pix / Sq-Mtr
Physical	3784 Pix / Sq-Mtr			
2	Pixel Information	Pixel Configuration	2Red+1Green+1Blue (4mm oval)	
		LED make	Nichia, Japan	
		* LED Life	100000 Hours	
		Brightness	9000 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	50°	
4	Power	Input Voltage	100-240V AC, 50/60Hz	
		Power Consumption-Max.	960 Watts / Tile	
		Typical Power Consumption-Average	320 Watts / Tile	
5	Tile Physical Dimensions	Depth	250 mm	
		Area	1.27 Sq-Mts	
		Height	975 mm	
		Width	1300 mm	
		Weight	75 Kgs.	165.36 lbs (Approx.)
6	Tile Engineering	Number of LED PCB Panels	12 / 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.