



## **DigiTile-10V**

MIC's DigiTile-10V, is a Daylight LED Video Wall product that can be used for a variety of outdoor display requirements. Having premium features like 10.16mm 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-10V 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-10V43-OSL-64x48 - Specifications

1	Resolution	Pitch	Visual	10.16mm	
			Physical	20.32mm	
		Pixel Density	Visual	128x96=12288 Pix / Tile	
			Physical	64x48=3072 Pix / Tile	
			Visual	9688 Pix/Sq-Mtr	
Physical	2422 Pix/Sq-Mtr				
2	Pixel Information	Pixel Configuration		2Red+1Green+1Blue (5mm 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		40°	
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-Mtr.	
		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.