



DigiTile-16R

MIC's DigiTile-16R, is a Daylight LED Video Wall product that can be used for a variety of outdoor display requirements. Having premium features like 16.256 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-16R with a pixel configuration of 1R+1G+1B 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. Intensity, brightness, contrast and other video attributes are perfectly controllable by the tested electronics & software.

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-16R44-OSL-80x60 - Specifications				
		Pixel Density	Pitch	16.256 mm
			Pixel Density	80 x 60 =4800 Pix / Tile
			Pixel per Sq.Mtr	3784 Pixels / Sq. mtr
2	Pixel Information	Pixel Configuration	1R+1G+1B (4mm Oval type)	
		LED make	Nichia, Japan	
		* LED Life	100000 Hours	
		Brightness	9000 NIT (cd / Sq-Mtr)	
		Red LED Wavelength	615 - 635nm	
		Green LED Wavelength	523 - 538nm	
		Blue LED Wavelength	459 - 474nm	
		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.	720 Watts / Tile	
		Typical Power Consumption-Average	240 Watts / Tile	
5	Tile Physical Dimensions	Clearance required on back side of Tile	800 mm	
		Depth	250 mm	
		Area	1.27 Sq-Mts	
		Height	975 mm	
		Width	1300 mm	
		Weight	75 Kgs.	165.33 lbs (Approx)
6	Tile Engineering	Number of LED PCB Panels	16 / Tile	
		Tile casing Rear Case Material	Aluminum Alloy with Powder Coated	
		Module Access	Front / 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.