



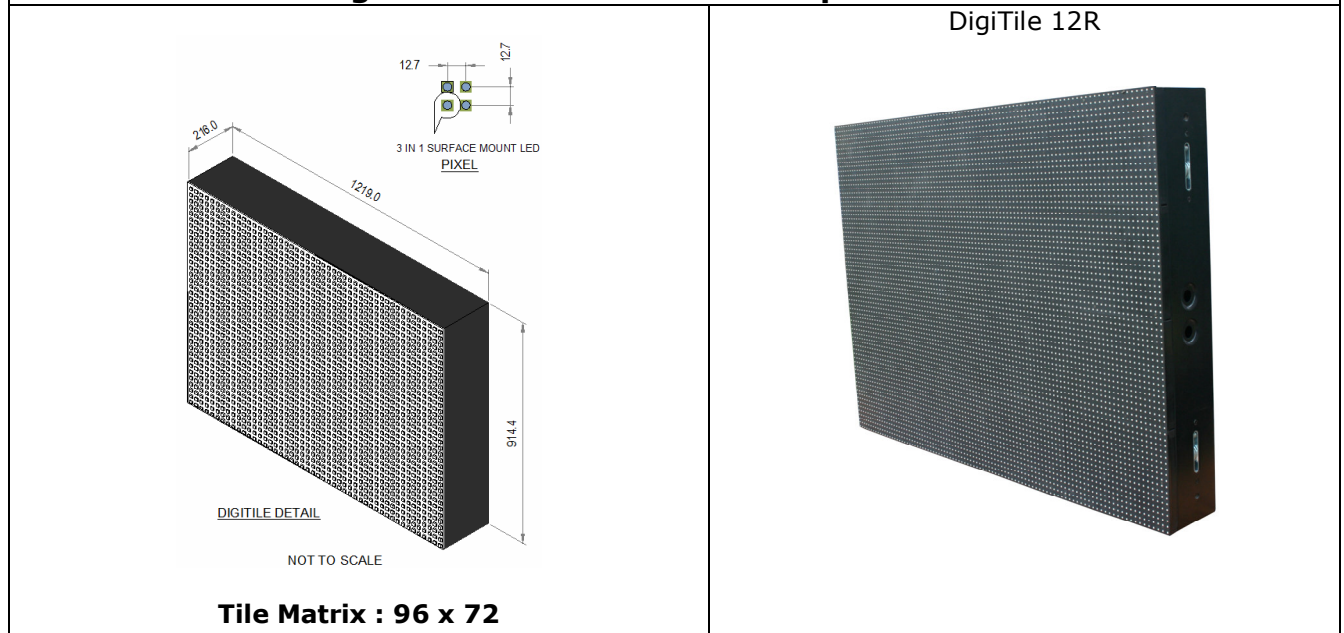
DigiTile-12R

MIC's DigiTile-12R, is a Daylight LED Video Module that can be used for a variety of outdoor display requirements. Having premium features like 12.7 mm physical pixel resolution, high brightness of 1500 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-12R 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 12 bit processing per prime colour, 960 Hz refresh rate.

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-12R44-IDC-96x72 - Specifications



| | | | | |
|---|--------------------------|---|------------------------------|--|
| 1 | Resolution | Pitch(Physical / Visual) | 12.7 mm | |
| | | Pixel Density | 96 x 72 =6912 Pix / Tile | |
| | | | 6200 Pix / Sq-Mtr | |
| | | LED Density | 6912 LEDs / Tile | |
| | | | 6200 Pix /Sq- Mtr | |
| 2 | Pixel Information | Pixel Configuration | 3-In-One (RGB Chip-type) | |
| | | LED make | Nichia, Japan. | |
| | | * LED Life | 100000 Hours | |
| | | Brightness | 1500 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 upto 9000°K) |
| 3 | Viewing | Horizontal Viewing Angle | 115° | |
| | | Vertical Viewing Angle | 115° | |
| 4 | Power | Input Voltage | 100-240V AC, 50/60Hz | |
| | | Power Consumption-Max. | 600 Watts / Tile | |
| | | Typical Power Consumption-Average | 200 Watts / Tile | |
| 5 | Tile Physical Dimensions | Clearance required on back side of Tile | 600 mm | |
| | | Depth | 216 mm | |
| | | Area | 1.11 Sq.Mtr | |
| | | Height | 914 mm | |
| | | Width | 1219 mm | |
| | | Weight | 48 Kgs | 105.86 Lbs. (Approx.) |
| 6 | Tile Engineering | Number of LED PCB Panels | 16 / 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 | 12 Bit | |
| | | Colors | 68.7 Billion | |
| | | Refresh Rate | 960 Hz | |

* - Under Typical operating conditions.

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