

The 'IT' TILE next generation discrete & SMD LED screens



CE & UL certified fixed installation LED tiles with intelligent remote diagnostics for DOOH, stadia and screen spectacular applications



Introducing the 'IT' TILE

The all new 'IT' TILE has been designed specifically for the fixed installation and DOOH advertising market. The TILE is based on a 320mm x 320mm, IP67 platform that can be pre-built into super-sized modules weighing in at under 44kg per square metre for speedy installation. User friendly options include front access maintenance and remote diagnostics with fault detection down to pixel level.

All you need for the fixed installation market

- Remote diagnostics with email/SMS reporting option
- IP67 protection
- Radiant calibrated system
- Choice of Nichia & Everlight LEDs
- Front access maintenance options
- Lightweight and slim to reduce installation costs
- Super-sized modules for quick and easy installation
- CE & UL certification

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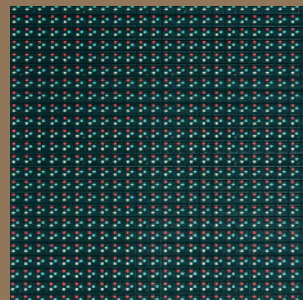
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	Discrete LED				SMD LED		
Model	IT13	IT16	IT20	IT26	IT10	IT13	IT16
Tile information							
Pixel pitch (mm)	13.3	16	20	26.6	10	13.3	16
Pixel configuration	1R1G1B				3 in1 SMD		
Resolution of tile (w x h)	24 x 24	20 x 20	16 x 16	12 x 12	32 x 32	24 x 24	20 x 20
Size of tile (mm) (w x h)	320 x 320						
Weight of tile (kg)	2.7						
Standard module information							
Size of standard module (mm, w x h)	1,280 x 320						
Resolution of standard module (pixel, w x h)	96 x 24	80 x 20	64 x 16	48 x 12	128 x 32	96 x 24	80 x 20
Weight of standard module	18kg with power supply and accessories						
Example super-sized module							
Example super-sized module (mm, w x h)	2,560 x 1,600						
Example super-sized module (pixels w x h)	192 x 120	160 x 100	128 x 80	96 x 60	256 x 160	192 x 120	160 x 100
Weight for example super-sized module (kg)	180kg with power supply and accessories (44kg per m ²)						
System information							
Resolution (pixels/m ²)	5,625	3,906	2,500	1,406	10,000	5,625	3,906
Max power consumption (watts/m ²)	732				1,098		
Average power consumption (watts/m ²)	300				440		
Front access maintenance	Yes				No	Yes	
Brightness (NITS)	6,000				>5,000		
Viewing angle to 50% brightness	110° / 45°				120°/120°		
Constant running temperature range	-20 to +40°C (-4 to 104°F) (-30°C with upgrade modification)						
Power input	AC110V / 220V +/- 10%						
Frame frequency (Hz)	60						
Refresh frequency (Hz)	>720						
Brightness control	Auto and manual available						
Nominal LED work life	Up to 100,000 hours						
Video input	DVI, VGA, S-Video, YPrPb, SD/HD-SDI, HDMI, CVBS						
IP rating	IP67 (module), IP54 (power box)						
Pixel calibration	Yes						
Remote diagnostics	Yes, optional						
Power & signal back up	Yes, optional						

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order.

Standard system accessories

- digiLED Navigator screen interface
- digiPRO & PRO HD processors
- digiAD content management system
- digiSPORT content management system



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