

DIAMOND VISION™ LED **FOR FIXED INSTALL**

6.00mm pixel pitch, modular LED system.



IDT6-F

A choice of 3 premium quality models for indoor fixed installations;

- IDT6-F: 1500 nit standard package
- IDT6-F HB: 2500 nit high brightness package
- IDT6-F BP: New! 2000 nit, ultra high contrast Black Package model

Diamond Vision's proprietary electrical and mechanical design represents a dramatic step forward in indoor LED screen performance, as our unique technologies deliver consistent uniformity, incredible contrast levels, seamless images and unrivalled reliability.

The IDT6 range offers a choice of 3 true 6.00mm pixel pitch 3-in-1 LED screens; standard and high brightness models plus the new and fabulous IDT6 Black Package that delivers the ultimate high contrast performance and 2000 nit brightness.

True 6.00mm pixel pitch, true black face, true uniformity - the IDT6 truly is the new reference for 6mm indoor displays with an image quality that has to be seen to be believed.

- **Black Package** - the IDT6 BP delivers incredible contrast levels.
- All IDT6 models are true **6.00mm pixel pitch**.
- Highest possible 6mm resolution at **27,778 pixels per m²**.
- **20-bit colour processing and 14-bit greyscale**.
- Robust mechanical construction, **easy to install**.
- IDT6 continues Mitsubishi's reputation for **solid reliability**.

SPECIFICATIONS

Model Number	IDT6-F	IDT6-F HB	IDT6-F BP
Description	LED fixed installation module		
Application	Indoor use, fixed installations		
Pixel arrangement	3-in-1 SMD pure colour		
Pixel pitch	6.00mm		
Dot pitch	6.00mm		
Pixel resolution per standard module	96h x 128w = 12,288 pixels		
Pixel density per sq/m	27,778 pixels per square metre		
Minimum viewing distance	Minimum 2 metres		
Brightness	1500 cd/m ²	2500 cd/m ²	2000 cd/m ²
Lifetime to 50% brightness	50,000 hr		
Image processing	Diamond Vision Progressive Scan Converter and Interpolation		
Processing (Greyscale)	13-bits, equivalent to 4,096 steps IDT6-F & HB. 14-bits, equivalent to 16,384 steps IDT6-F BP		
Processing (Colour)	19-bits	19-bits	20-bits
Refresh rate (PAL/NTSC)	800/960Hz		
Viewing angle	Vertical +/- 80°, Horizontal +/- 80°		
Temperature range	0 - 40 °C (32 - 104 °F)		
Standard module dimensions	Height: 576mm, Width: 768mm, Depth: 210mm		
Supplementary fixed installation module dimensions (h x w)	Custom screen sizes configured to Lighting Unit size 192mm x 192mm		
Service access	Front and Rear		
Standard module weight	32Kg		
Power consumption	0.4kW/sq.m. Based on 100% brightness at 30% duty.		
Input power cable	AC200V to 240V 3Phases 3Wires 50/60Hz (standard type) or AC 200V to 240V 1Phase 2Wires 50/60Hz		
Power supply	0.7kVA/sq.m with APS function	1.0kVA/sq.m	0.9kVA/sq.m
Certification	CE marked		

Outline drawing - typical screen example

