

## DIAMOND VISION™ LED FOR FIXED INSTALL

10.16mm pixel pitch, modular LED system.



### IDT10-F

The first choice for larger scale indoor screen applications, with fantastic contrast and Mitsubishi's unrivalled colour uniformity.

Featuring the phenomenal contrast level delivered by Mitsubishi's unique Black Package screen face, spectators are treated to superb image quality from the new Diamond Vision IDT10, with deep blacks, clean whites and rich colours.

The screen has excellent viewing angles both horizontally and vertically with colour integrity maintained throughout the viewing cone - a vitally important factor in both commercial and sports applications.

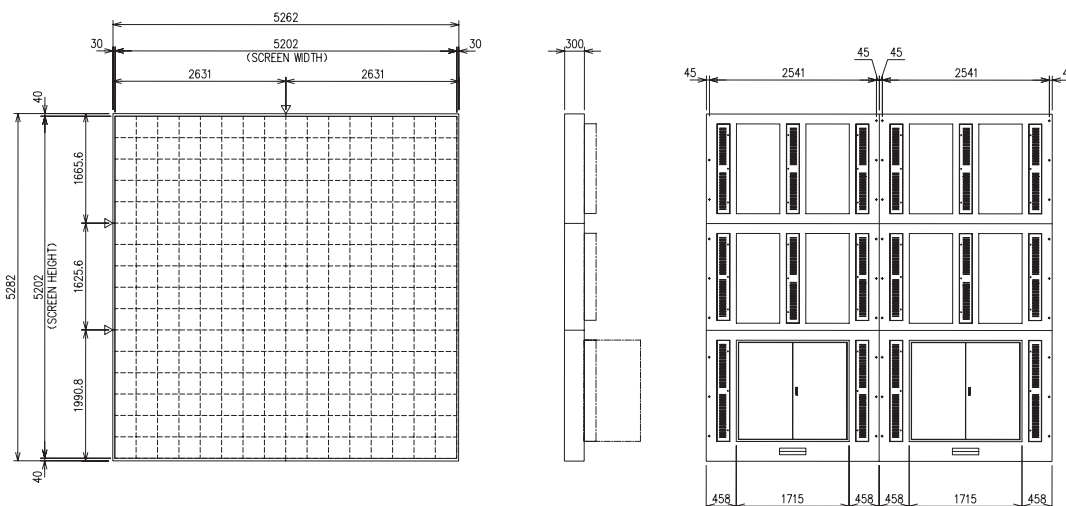
The IDT10 is the ideal choice for moderate resolution indoor screen applications where reliability and quality cannot be compromised.

- 800/960Hz fast processing for smooth video.
- High pixel density with **9,688 pixels per square metre** for pin-sharp pictures.
- Mitsubishi's unique APS Control for automatic power intake reduction.
- Front and rear maintenance options gives flexibility in screen positioning.
- **18-bit processing delivers** noise-free images even at the lowest light levels.
- Operator and Installer friendly - integrating an IDT10 system is easy.

# SPECIFICATIONS

<b>Model Number</b>	IDT10-F
<b>Description</b>	LED fixed installation module
<b>Application</b>	Indoor use, fixed installations
<b>Pixel arrangement</b>	3-in-1 SMD pure colour
<b>Pixel pitch</b>	10.16mm
<b>Dot pitch</b>	10.16mm
<b>Pixel resolution per standard module</b>	32h x32w = 1,024 pixels
<b>Pixel density per sq/m</b>	9,688 pixels per square metre
<b>Minimum viewing distance</b>	Minimum 4 metres
<b>Brightness</b>	1500 cd/m <sup>2</sup>
<b>Lifetime to 50% brightness</b>	50,000 hr
<b>Image processing</b>	Diamond Vision Progressive Scan Converter and Interpolation
<b>Processing (Greyscale)</b>	12-bits, equivalent to 4,096 steps
<b>Processing (Colour)</b>	18-bits
<b>Refresh rate (PAL/NTSC)</b>	800/960Hz
<b>Viewing angle</b>	Vertical +/- 80°, Horizontal +/- 80°
<b>Temperature range</b>	0 - 40 °C (32 - 104 °F)
<b>Standard module dimensions</b>	Height: 650mm, Width: 650mm, Depth: 180mm
<b>Supplementary fixed installation module dimensions (h x w)</b>	Custom screen sizes configured to Lighting Unit size 325.12mm x 325.12mm
<b>Service access</b>	Front and rear
<b>Standard module weight</b>	30Kg
<b>Power consumption</b>	0.45kW/sq.m. Based on 100% brightness at 30% duty.
<b>Input power cable</b>	AC200V to 240V 3Phases 3Wires 50/60Hz (standard type) or AC 200V to 240V 3Phases 4Wires 50/60Hz
<b>Power supply</b>	0.7kVA/sq.m with APS function
<b>Certification</b>	CE marked

Outline drawing - typical screen example



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