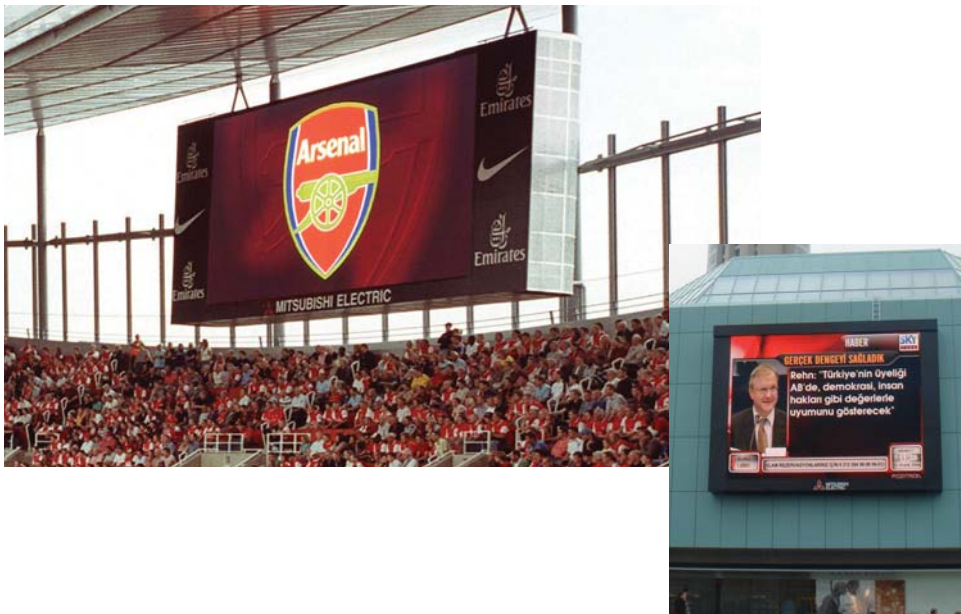


DIAMOND VISION™ LED FOR FIXED INSTALL

25mm pixel pitch, modular LED system.



ODQ12-F

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

Chosen by many of the world's premier outdoor venues, the performance of Diamond Vision ODQ12 is exceptional, with proven long-term reliability and a reputation for pure colour uniformity over years of service.

Mitsubishi's unique LED screen technologies combine to offer high contrast, natural colours and fast, smooth processing for great live video and razor sharp text. The viewing angles both horizontally and vertically are excellent with colour integrity maintained throughout the viewing cone.

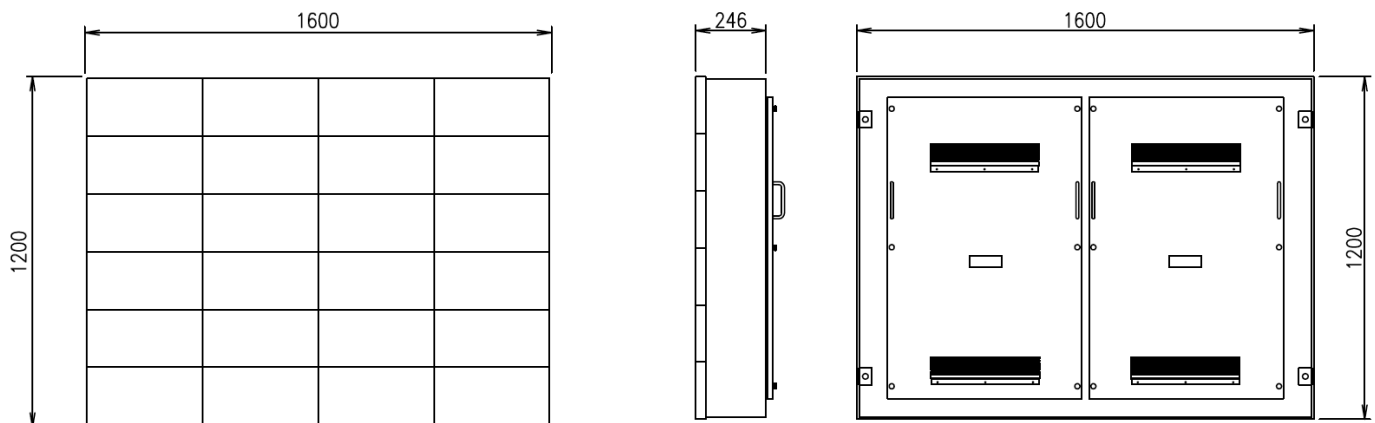
The screen is quiet, easy to install, virtually maintenance free and exceptional value for money in applications where viewing distances and venue design require a large scale solution.

- **High contrast screen face** for rich picture quality.
- Mitsubishi's **Dynamic Pixel technology** for maximum image resolution.
- **APS Control** for automatic power intake reduction and lower running costs.
- **Front and rear maintenance** options give flexibility for service access.
- Unique pixel arrangement ensures **widest possible viewing angles**.
- DDC Controller for **User friendly control** and diagnostic reporting.

SPECIFICATIONS

Model Number	ODQ12-F
Description	LED fixed installation module
Application	Outdoor use, fixed installations
Pixel arrangement	Dynamic Pixel, lamp type, 2R 1G 1B, pure colour
Pixel pitch	25.00mm
Dot pitch	12.50mm
Pixel resolution per standard module	64h x 128w = 8,192 dots
Pixel density per sq/m	6,400 dots per square metre
Minimum viewing distance	Minimum 10 metres
Brightness	5000 cd/m ²
Lifetime to 50% brightness	50,000 hr
Image processing	Diamond Vision Progressive Scan Converter and Interpolation
Processing (Greyscale)	12-bits, equivalent to 4,096 steps
Processing (Colour)	18-bits
Refresh rate (PAL/NTSC)	400/480Hz
Viewing angle	Vertical +/- 30°, Horizontal +/- 70°
Temperature range	0 - 40 °C (32 - 104 °F)
Standard module dimensions	Height: 1200mm, Width: 1600mm, Depth: 270mm
Supplementary fixed installation panels (h x w)	Type A: 800mm x 800mm. Type B: 1200mm x 800mm. Type C: 800mm x 1600mm. Type D: 1600mm x 1600mm. Custom panels configured to Lighting Unit size 200mm x 400mm.
Service access	Front and rear
Standard module weight	160Kg (1.2 x 1.6m)
Power consumption	0.6kW/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 3Phases 4Wires 50/60Hz
Power supply	1.1kVA/sq.m with APS function
Certification	CE marked

Outline drawing of standard module, (mm)



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