FTTEGO

FTTEGO / OUTDOOR LED DISPLAY

OD6025

High-impact outdoor LED.

P2.5 pixel pitch, 6,000 cd/m² brightness and a rugged IP65 iron cabinet with front and rear service access.

P2.5	3,840	IP65
PIXEL PITCH	REFRESH HZ	PROTECTION



VISUAL PERFORMANCE

Built to be seen outdoors.

A dense P2.5 pixel matrix and a high-output LED platform support sharp content on outdoor installations.

160,000	6,000	3,840 Hz	160° / 140°
PIXELS / M²	CD/M² BRIGHTNESS	REFRESH RATE	VIEWING H / V

SMD1415 black-face LED • 1/16 scan • 10,000:1 contrast

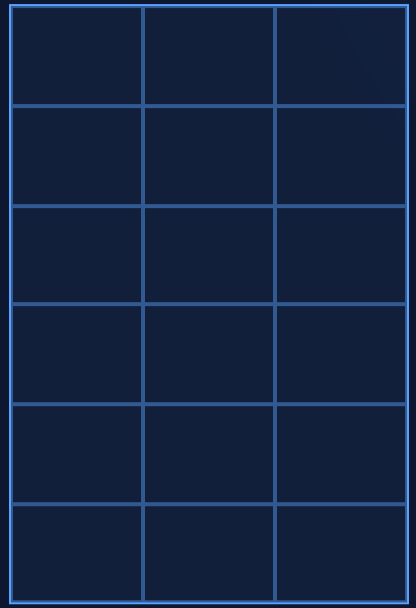
Colour temperature adjustable from 3,000 to 30,000 K. Frame rate 50/60 Hz. Colour uniformity within ±0.003 Cx,Cy.

1R1G1B | 50/60 Hz | 3,000–30,000 K | <3% luminance deviation

CABINET & SERVICE

Engineered as modular building blocks.

One 960 × 960 mm cabinet uses 18 modules of 320 × 160 mm, arranged 3 across by 6 high.



3 × 6 • 18 modules

384 × 384
CABINET RESOLUTION

960 × 960
CABINET SIZE, MM

128 × 64
MODULE RESOLUTION

320 × 160
MODULE SIZE, MM

Iron cabinet • IP65 • Front / rear access • Fanless cooling

CONFIGURATION

From cabinets to a complete display.

A two-by-two configuration gives a 1.92 × 1.92 m outdoor wall using four identical P2.5 cabinets.

1.92 × 1.92 m	768 × 768	3.6864 m²
EXAMPLE WALL SIZE	NATIVE WALL RESOLUTION	TOTAL DISPLAY AREA

CONTROL & SERVICE OPTIONS

Sending box: NovaStar TB40 (synchronous computer control). Receiving card: NovaStar MRV208. Available spares: 5 V / 60 A / 300 W power supply, MRV208 receiving card and matching 320 × 160 mm LED module. Controller and spare items depend on the order configuration.

TECHNICAL OVERVIEW

Core specifications at a glance.

Pixel pitch	2.5 mm
LED package	SMD1415 black face
Pixel / scan	1R1G1B / 1:16
Cabinet size	960 × 960 mm
Module grid	3 × 6; 18 modules
Module resolution	128 × 64 px
Cabinet resolution	384 × 384 px
Refresh rate	3,840 Hz
Brightness	6,000 cd/m²

Protection / body	IP65 / iron
Cabinet weight	28.0 ± 0.05 kg
Maintenance	Front & rear
Cooling	Fanless
Peak power density	456–635 W/m²
Average power density	114–159 W/m²
Cabinet peak power	420–585 W
Contrast ratio	10,000:1
Operating range	−30 to +50 °C