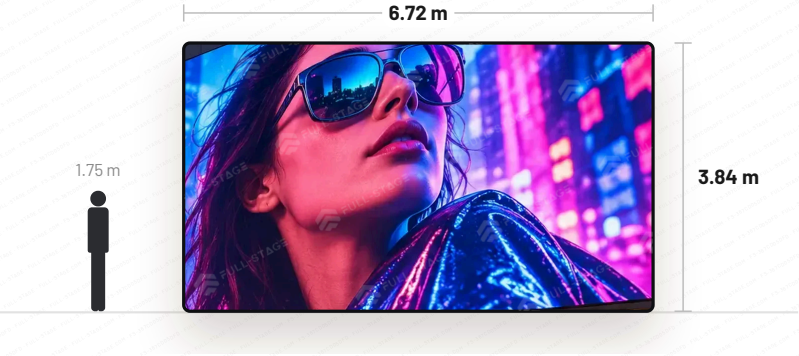
TECHNICAL DATASHEET · OUTDOOR · FIXED INSTALLATION

P5 outdoor LED screen, 6.72 × 3.84 m

Nominal size 7 × 4 m · 28 cabinets of 960 × 960 mm · 5,500 nits · IP65



1344 × 768 px
Total resolution

5,500 nits
Brightness · daylight visible

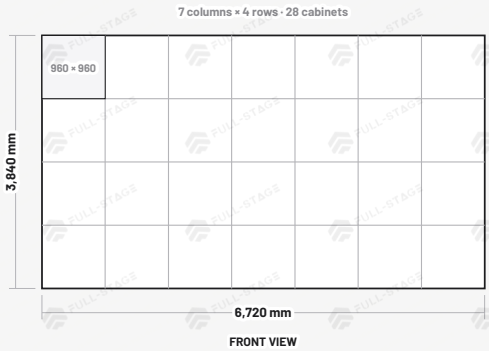
IP65
Rain and dust

7 × 4
Cabinets of 960 × 960 mm

COMPLETE SCREEN

Actual size	**6.72 × 3.84 m**
Area	**25.80 m²**
Configuration	**7 × 4 cabinets (28)**
Resolution	**1344 × 768 px**
Total pixels	**1,032,192**
Pixel density	**40,000 px/m²**
Cabinet weight	**980 kg · 38 kg/m²**
Max. power	**22.4 kW · 868 W/m²**
Average power	**8.4 kW · 326 W/m²**
Power input	**AC 220 V ±10 %**
Processor	**NovaStar TB40**
Viewing distance	**5 to 100 m**

COMPLETE SCREEN · FRONT PLAN



WHAT THE SYSTEM INCLUDES

28	P5 outdoor LED cabinets 960 × 960 mm
28	NovaStar receiving cards · 1 per cabinet
140	5 V / 60 A power supplies · 5 per cabinet
140	Inter-cabinet power cables · 1 m
✓	Structural engineering and drawings
1	NovaStar TB40 video processor
✓	NovaStar management software
5	Wooden pallet packing
28	Inter-cabinet RJ45 signal cables · 1 m
✓	Electrical engineering and drawings

SPARES 38 modules, 1 receiving card, 1 power supply

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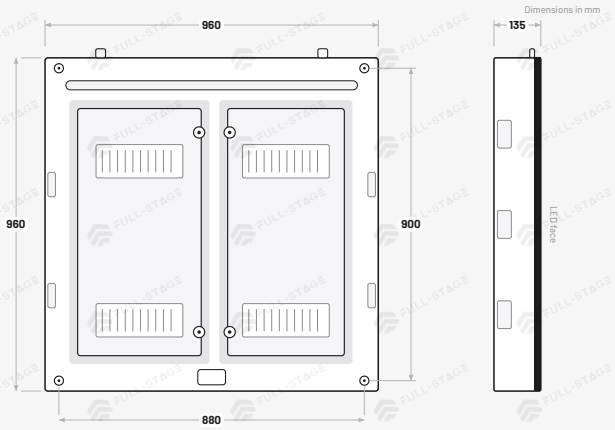
P5 OUTDOOR LED CABINET 960 × 960 MM · TECHNICAL DRAWING



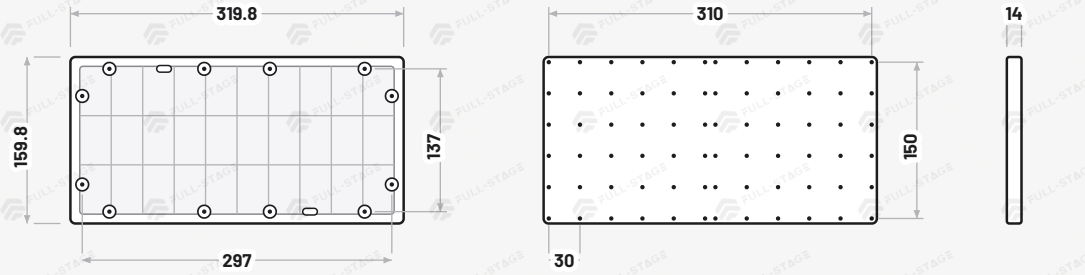
REAR VIEW

SIDE VIEW

Dimensions	**960 × 960 × 135 mm**
Weight	**35 kg**
Material	**Die-cast aluminium**
Modules	**18 (3 × 6) of 320 × 160 mm**
Resolution	**192 × 192 px**
Power supplies	**5 × 5 V / 60 A**
Receiving card	**NovaStar · 1 per cabinet**
Max. / avg. power	**800 / 300 W**
Protection	**IP65**
Service access	**Rear · 2 sealed service doors**

P5 OUTDOOR LED MODULE 320 × 160 MM · TECHNICAL DRAWING

Dimensions in mm · tolerance −0.1



REAR VIEW

FRONT VIEW

SIDE VIEW

LED MODULE

Dimensions	**319.8 × 159.8 × 14 mm**
Resolution	**64 × 32 px**
LED type	**SMD1921**
Pixel configuration	**1R1G1B**
Scan mode	**1/5**
Connector	**HUB75-A**
Driver	**Constant current**
Weight	**0.9 kg**

IMAGE

Pixel pitch	**5 mm**
Pixel density	**40,000 px/m²**
Brightness	**5,500 nits**
Refresh rate	**6,400 Hz**
Grey scale	**256 levels per colour**
Colours	**16.7 million**
Viewing angle	**120° H × 100° V**

ENVIRONMENT AND RELIABILITY

Protection	**IP65**
Operating temperature	**−30 °C to +60 °C**
Storage temperature	**−35 °C to +65 °C**
Operating humidity	**10% to 95% RH**
Power input	**AC 220 V ±10 %**
MTBF	**> 20,000 h**
Lifespan	**100,000 operating hours**
Warranty	**2 years · Full-Stage**

Factory data. Dimensions in millimetres unless stated. Full-Stage may improve specifications without notice; the current datasheet is at full-stage.com.

Price and quote
Scan or click to see this screen on full-stage.com