

AMScreen

Think outside the screen™

D48 Smart DOOH® LED Billboard Technical Specification

Amscreen® is a leading provider of screen solutions in Europe offering seamless, scalable deployments and support via our full service approach and RDM®.

The world's first SMART DOOH® LED Billboard

Custom-built to complement any environment.

Our **SMART DOOH®** screens contain industry first individual-level LED monitoring that has been integrated into our RDM® system.

Large Format digital LED billboards are a smart choice for media owners who want to guarantee that the advertising they display is highly visible, even in the brightest sunshine or harshest of weather conditions.

THINK
OUTSIDE
THE
SCREEN

Features

- ✓ Temperature controlled
- ✓ Full suite of RDM®
- ✓ Audience measurement
- ✓ LED Pixel monitoring
- ✓ Designed for ease of installation

Custom add ons



ENVIRONMENTAL MONITORS
Measure information on pollution levels, pollen count, traffic flow and noise alerts.



SMALL CELLS
Built-in space to accommodate small cells that can boost local mobile network coverage.

AMScreen

Discover more about this product on our website amscreen.com/what-we-do/digital-street-furniture/digital-billboards

D48 Smart DOOH® LED Billboard Full service screen solution



HARDWARE SUMMARY



HIGH IMPACT

Weatherproof, high bright displays bringing content alive whatever the weather



EASE OF INSTALL AND MAINTENANCE

Bespoke modular designs and jigs offer fast, non-disruptive installs and maintenance



DISTRIBUTION AND SCALABILITY

European production and plug and play design gives speed and flexibility



SECURITY AND FUTURE PROOFED

Secure system via encryption and authentication protocols plus ease of leveraging new tech

SOFTWARE SUMMARY



SMART TRACKING AND SENSORS

Smart brightness® and optional audience tracking using leading tracking platforms, such as Quividi



HOST INTEGRATION AND REMOTE MANAGEMENT

Integration with host systems such as Ayuda, Scala, Broadsign etc and RDM® provision



PROGRAMMATIC COMPLIANCE

Integration with Media Owners programmatic buying platforms

SERVICE SUMMARY



RDM® REMOTE SMART MANAGEMENT

Alerts and automated data collection via unique system architecture



RDM® REMOTE SMART MAINTENANCE®

Integrated asset management and trouble ticketing to facilitate remote fixes

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D48 Smart DOOH® LED Billboard

Technical specification

Display Specification

Colour	Full colour
LED Brand	Nationstar FM2727
Pixel pitch	P6.9 mm
Pixel configuration	3 in 1 SMD
Resolution	864 pixels (W) x 432 pixels (H)
Brightness	6,000 nits
Brightness control	Automatic or manual
Automatic brightness sensor	Included

Cabinet & Module Specification

Size of module	36 x 36 pixels - 250 x 250 mm
Size of cabinet	1,000 (H) x 750 (W) x 96 (D) mm
Overall display area	24
Viewing angle	3.0 (H) x 6.0 (W) m = 18.0 m ²
Frame material	140° (H) & 105° (V)
IP rating	Aluminium
Maintenance access	IP65 (front) & IP54 (rear)
Ambient operating temperature range	Front or Back
Ambient operating humidity range	-20°C to +50°C

Electrical Specification

Maximum power consumption	762 W/m ²
Average power consumption	254 W/m ²
Power required	230V AC +/-15% 60 Hz

Control Systems and Networking

LED/pixel level monitoring
Full power supply & cabling redundancy & monitoring
Novastar Display Control Software
Amscreen Remote Device Management (RDM) Software

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Do you have a project that would benefit from our technology?

We want to hear from you. Visit amscreen.com/contact to get in touch, or email or call us directly.

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CONNECT

