

Reading Borough Council Shelter Advertising Proposal

TECHNICAL SPECIFICATION NOISE & LIGHT

LCD Outdoor Screen Attributes

Presentation

- Digital display in Forum design.
- Product specially designed for direct outdoor use in a wide range of environmental/temperature conditions and features.

GENERAL PRODUCT INFORMATION

Performance

- Excellent contrast and quality of image.
- Displays great quality fix images and video, thanks to its resolution 3840 x 2160 4K.
- Brightness up to 2500Cdm², the best performance available in the market for an LCD screen.

Robustness and Durability

- Product specially designed for direct outdoor use in a wide range of environmental/temperature conditions and features.
- Brightness level not affected by extreme temperatures and does not degrade over time like other technologies.
- Best in class product in term of visibility in direct sunshine. Improved reliability and life through expert thermal and solar management design.
- Bumpers option to protect the furniture.

Certifications

CE

Manageability

- Extensive monitoring capability through digital image verification that gives immediate feedback about display performance.
- Intelligent monitoring/control and maintenance features.

Modularity

- Available in Forum and iVision designs.
- Modular design for simple on-site service.

Vandalism

- Front-face in laminated 8mm tempered glass.
- Furniture opening guaranteed by the use of special keys.
- Screws and fixing gears are invisible.
- Furniture composed of unalterable materials.
- Encrypted transmission between JCDecaux NOC and the digital displays.
- High quality materials and coating.



LCD Screen Specification

INSTALLATION

Tested in factory before shipment.

Civil Engineer Approved

Transported full assembled, which minimize actions on site for the installation.

SUSTAINABLE DEVELOPMENT

Power efficient: Lower power consumption thanks to dynamic dimming approximately 30-40% less. Minimizes the impact on the environment.

Digital furniture mainly integrated by long life and recyclable materials.

SCREEN

Technology	LCD Screens
Pitch	0.831mm(V) x 0.831mm(H)
Resolution	3840 x 2160 at full HD
Brightness	Max 2500Cdm ² Auto adjust to ambient levels
Angle of Visibility Horizontal	178°
Angle of Visibility Vertical	178°
Display color	72%
Backlight technology	White LED
Number of colors	16.7 Million

OPERATING CONDITIONS

Temperature	-20° c/+50° c
Humidity	20%-90%
Screen orientation	Portrait
Other	Direct sunlight

LIFESPAN

Lifespan Typical	10 years
Daily maximum operating time	24h

ELECTRICITY

Input Voltage	230v
Max Power	2315W
Average Consumption	24.14kHw based on 15% nighttime and 55% daytime brightness

WEIGHT & DIMENSIONS

Global	1338 (W) x 2100 (H) x 245 (D) mm
Visible	1096 (W) x 1920 (H) 2188 diagonal)
Visible area	2.1m ²
Screen aspect ratio	16/9
Weight	approx 500kg

CERTIFICATES

Certifications	CE, RoHS, EN 62368-1, IEC 60950-22
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COMMENTS

The Screen is best in class in terms of visibility in full sunshine. The technology includes the latest features to lower TCO through:

- Improved reliability and life span through expert thermal and solar management design
- Modular design
- Replaceable 9mm front glass
- Extensive monitoring capability via digital management verification on display performance and function
- Capable of showing static and dynamic content in sequence

Eco Friendly Design

Low Power Consumption

less power consumption than industry average.

**ENVIRONMENT
FRIENDLY**



Manufactured with Recyclable Materials



Low Noise

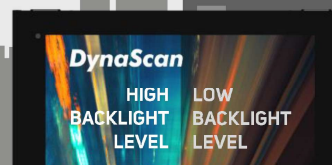
typ. less than

58 dBA

industrial quietest
outdoor digital kiosk



Auto Brightness Control



Low Light Pollution

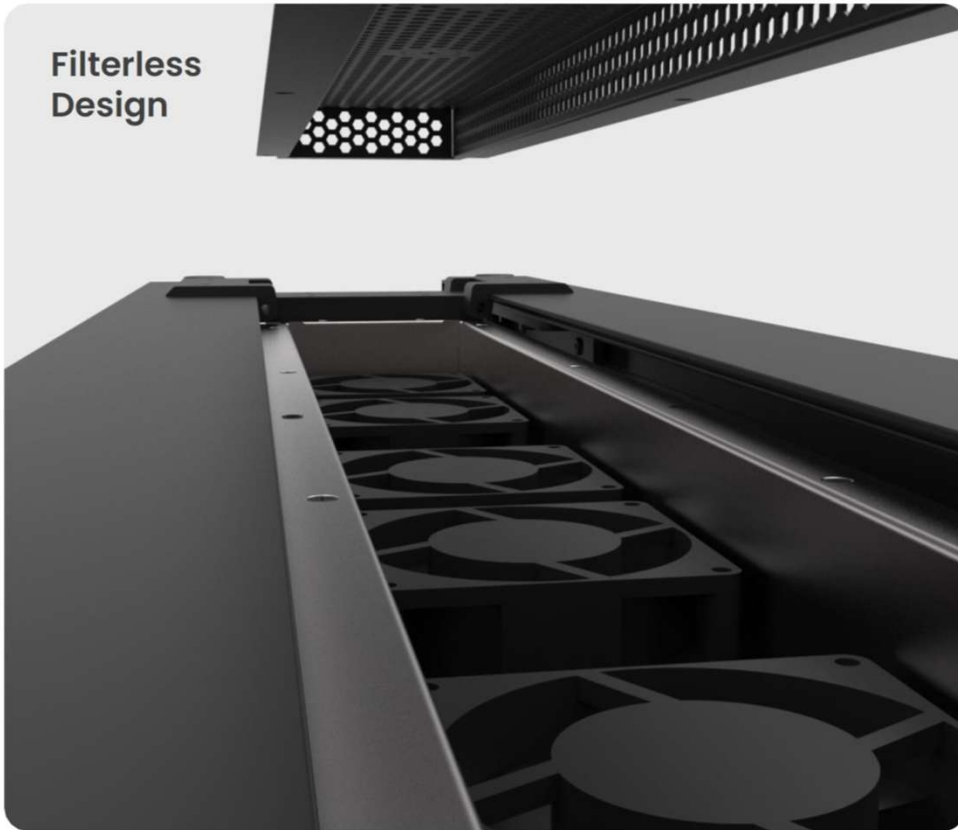


DynaScan

JCDecaux

Maintenance

Filterless
Design



Modular Design for Easy Services

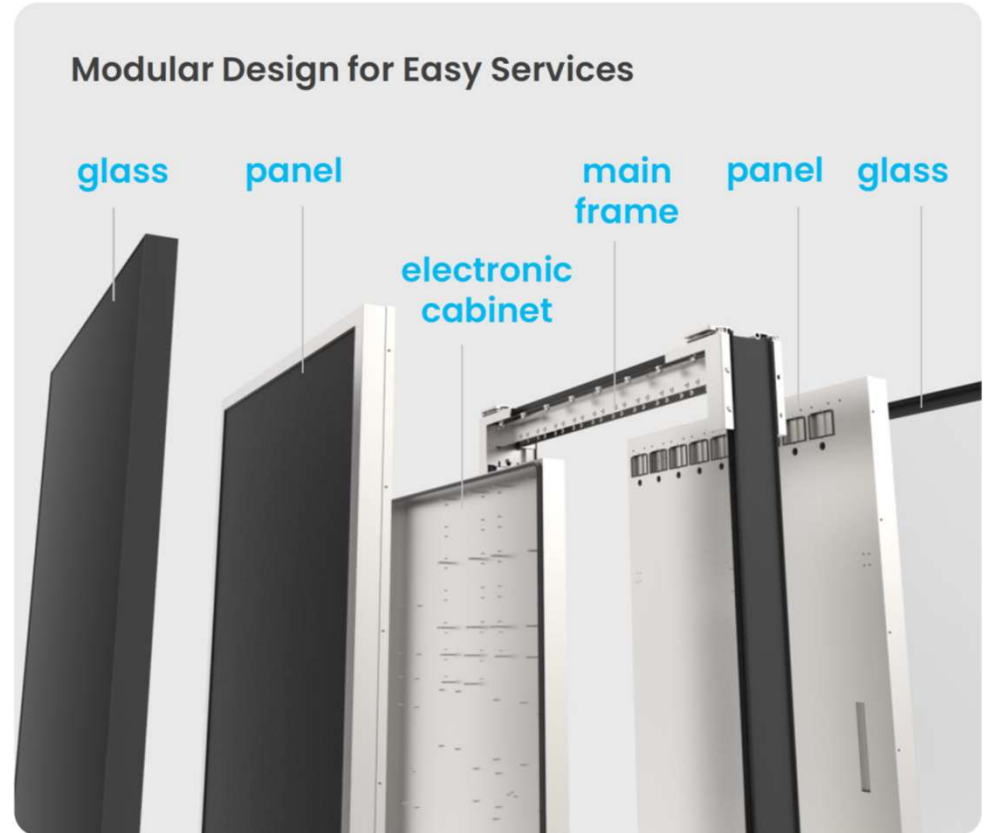
glass

panel

main
frame

panel glass

electronic
cabinet



DynaScan

Monitoring & Remote Control



Monitoring

Power Consumption
Power Supply Status
Input Power Status
Brightness Level
Door Status
Running Time
Input Source
Network Speed
Humidity
Media Playback Resolution
Temperature



Remote Operation

All On Screen Display Settings
Input Source Setting
Failover Setting
Color Temperature
Brightness Setting
Local Dimming
Schedule Setting
Display Mode
Power Off Mode
AC Back Status



Smart Alarm & Notification

Media Playback Failover
Over Heat
Door Opening
Power State (On/Stand By)
Power Supply
No Video Signal
Brightness Level



Remote & Reboot

Entire Kiosk Reboot
Media Player Reboot
Video Control Board Reboot
Lan Switch Reboot
Liquid Crystal Module Reboot

DynaScan

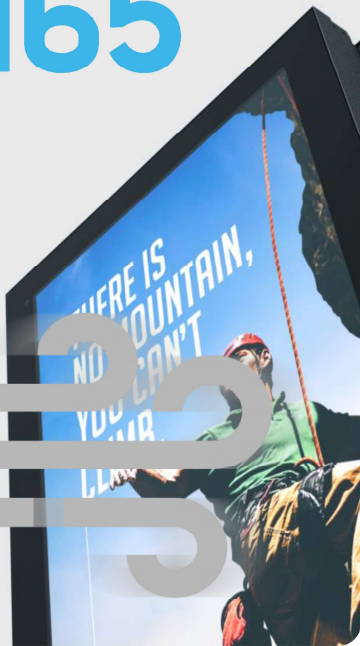
JCDecaux

TfL London Landmark Shelter

Eco Friendly Design

Wind Pressure
Resistant

165 MPH



Impact Protection
Rating

IK10

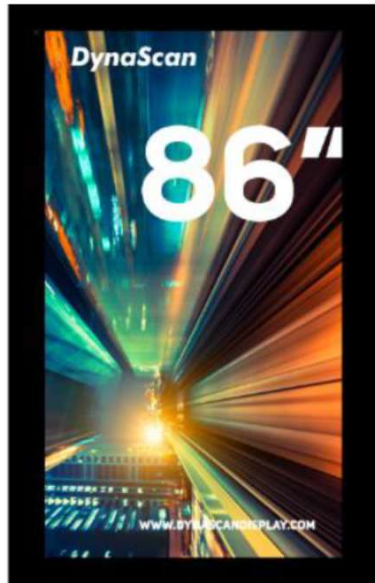


Water & Dust
Proof

IP56



DynaScan



2120

1338

FACE

LCD Digital Screen

BRIGHTNESS

Nighttime Max 300Cdm²

Day Time Max 2500Cdm²

RESOLUTION

3840 x 2160

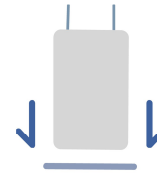
DIMENSIONS

1338 x 2100 x 245mm

CONTENT

Static and Dynamic Content Capability

Key Features and Dimensions



Ready to Install
Robust Outdoor
Solution



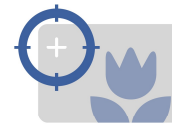
Field Serviceable



Local Dimming
Control



Brightness and Color
Guaranteed



TrueColor™
Calibrated



Intelligent Thermal
Management

DynaScan