

M6000 Full Matrix / Front Access - 28X105-18"-Amber

General

Full Matrix DMS-Amber (Yellow)
Pixel Matrix: 28 rows x 105 columns
Access Type: Front Access

Construction

5052 aluminum alloy
NEMA 3R
Structural: AASHTO D1.2-120 mph

Dimensions

Height: 8'0" (2438 mm)
Length: 17' (5182 mm)
Depth: 9" (230 mm)
Weight: 1885# (855 Kg)

Electrical Requirements

120/240 VAC single phase
Typical Power (VA)¹: 1075
Max Power (VA)²: 4277

Environmental

Operating Temperature: -30°F to +165°F
(-34°C to +74°C)
Storage Temperature: -40°F to +185°F
(-40°C to +85°C)
Humidity: 0% to 99% non-condensing

Standards

NEMA: All TS4 requirements met or exceeded including:
Section 2 Environmental Requirements

Mechanical construction

Controller to sign interface

Display properties

DMS controller cabinet

Electronics and electrical

Performance monitoring

Power requirements

Optical Performance

Color: Amber (590 nm ±5nm)

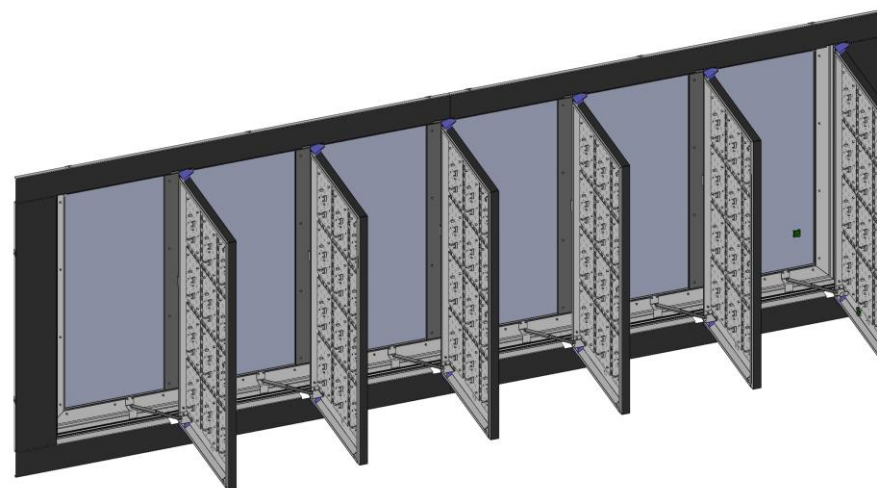
Viewing Angle: 30°

Luminance: 16,100 cd/m²

Contrast Ratio: 15:1

Example Character Capacity³

Character Height	Lines/ Characters	Font size	Interline Spacing	Character Spacing
18"	3/21	4x7	1/2	1
18"	3/17	5x7	1/2	1
18"	3/15	6x7	1/2	1
18"	3/13	7x7	1/2	1



Notes

1. Typical power determined with 30% pixels on at 60% brightness, heaters OFF
2. Max power determined with all pixels on at 100% brightness, heaters ON
3. Additional fonts available,

Related products:

Multi-DMS controller SCU6/SCU3 – Control software: Messenger

Note: SESA policy is to constantly improve its product, all product descriptions are subject to change without notice.



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