

# M6000 Full Matrix / Front Access 28X90-18"-Amber

## General

Full Matrix DMS-Amber (Yellow)  
Pixel Matrix: 28 rows x 90 columns  
Access Type: Front

## Construction

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

## Dimensions

Height: 8'0" (2438 mm)  
Length: 21'3" (6486 mm)  
Depth: 9" (230 mm)  
Weight: 1570 # (712 Kg)

## Electrical Requirements

120/240 VAC single phase  
Typical Power (VA)<sup>1</sup>: 972  
Max Power (VA)<sup>2</sup>: 3682

## 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:

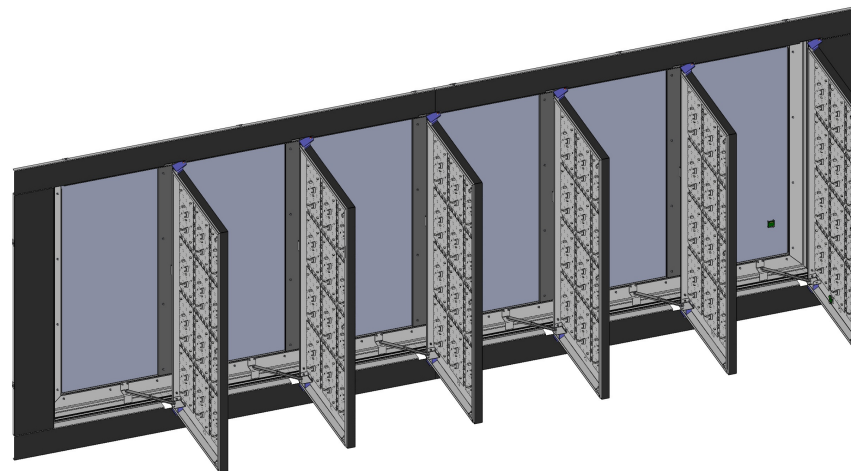
Section 2 Environmental Requirements  
Mechanical construction  
Controller to sign interface  
Display properties  
DMS controller cabinet  
Electronics and electrical  
Performance monitoring  
Power requirements

## Optical Performance

Color: Amber (590 nm ±5nm)  
Viewing Angle: 30°  
Luminance: 16,100 cd/m<sup>2</sup>  
Contrast Ratio: 15:1

## Example Character Capacity<sup>3</sup>

Character Height	Lines/ Characters	Font size	Interline Spacing	Character Spacing
18"	3/18	4x7	1/2	1
18"	3/15	5x7	1/2	1
18"	3/12	6x7	1/2	1
18"	3/11	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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