

M5000 Line Matrix / M5000-7X15-18

1 Line by 15 Pixel 18" Line Matrix Front Access

General

Full Matrix DMS-Amber (Yellow)
Pixel Matrix: 7 rows x 15 columns
Access Type: Front

Construction

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

Dimensions

Height: 1'11" (584 mm)
Length: 3'4" (1016 mm)
Depth: 4" (102 mm)
Weight: 28 Lbs (13 Kg)

Electrical Requirements

120/240 VAC single phase
Typical Power (VA)¹: 20
Max Power (VA)²: 72

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

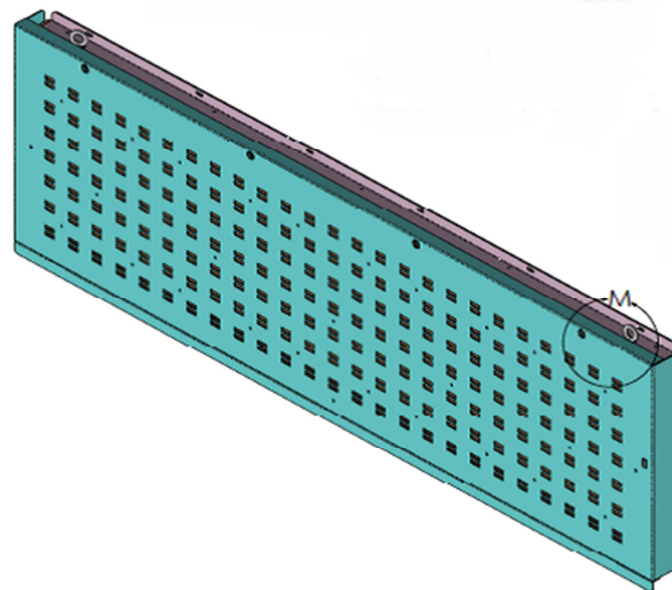
NEMA: All TS4 requirements met or exceeded including:
Section 2 Environmental Requirements
Mechanical construction
Controller to sign interface
Display properties
DMS controller cabinet
Electronics and electrical
Performance monitoring
Power requirements

Optical Performance

Color: Amber (590 nm ±5nm)
Viewing Angle: 30°
Luminance: 16,100 cd/m²
Contrast Ratio: 15:1
Viewing distance : 1,100 feet

Example Character Capacity³

Character Height	Lines/ Characters	Font size	Character Spacing
18"	3	4x7	1
18"	2	5x7	1



Notes

1. Typical power determined with 30% pixels on at 60% brightness
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



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