

M5000 Line Matrix / M5000-7X90-18

1 Line by 90 Pixels 18" Line Matrix Front

General

Full Matrix DMS-Amber (Yellow)
Pixel Matrix: 7 rows x 90 columns
Access Type: Front

Construction

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

Dimensions

Height: 1'11" (584 mm)
Length: 19'1" (5791 mm)
Depth: 4" (101 mm)
Weight: 165 Lbs (75 Kg)

Electrical Requirements

120/240 VAC single phase
Typical Power (VA)¹: 108
Max Power (VA)²: 432

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:

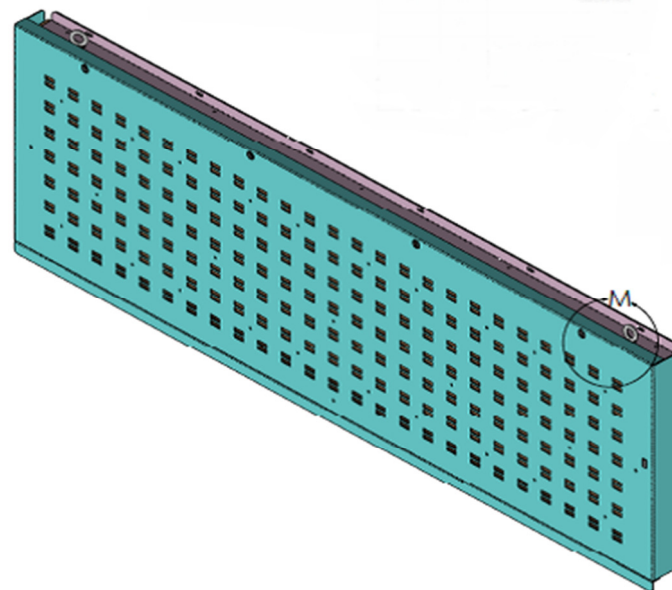
- Section 2 Environmental Requirements
- Mechanical construction
- Controller to sign interface
- Display properties
- DMS controller cabinet
- Electronics and electrical
- Performance monitoring
- Power requirements

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"	18	4x7	1
18"	15	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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