

M5000 Line Matrix / M5000-White-7X30-18

1 Line by 30 Pixel 18" White Line Matrix Front

General

- Line Matrix DMS-White
- Pixel Matrix: 7 rows x 30 columns
- Access Type: Front

Construction

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

Dimensions

- Height: 1'11" (584 mm)
- Length: 6'7" (2007 mm)
- Depth: 4" (101 mm)
- Weight: 55 Lbs (25 Kg)

Electrical Requirements

- 120/240 VAC single phase
- Typical Power (VA)¹: 6
- Max Power (VA)²: 15

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:

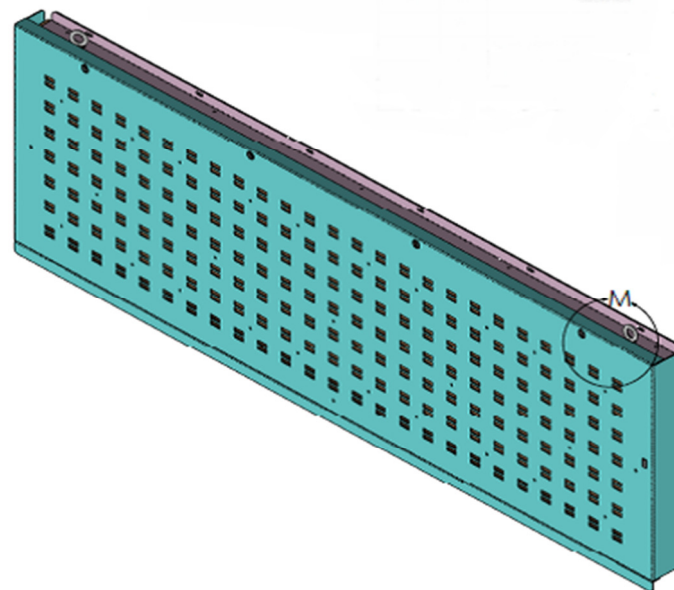
- Section 2 Environmental Requirements
- Mechanical construction
- Controller to sign interface
- Display properties
- DMS controller cabinet
- Electronics and electrical
- Performance monitoring
- Power requirements

Optical Performance

- Color: White $x=0.31$ $y=0.31$
- Viewing Angle: 22°
- Luminance: 12400 cd/m²
- Contrast Ratio: 16.7
- Viewing distance : 1000'

Example Character Capacity³

Character Height	Lines/ Characters	Font size	Character Spacing
18"	6	4x7	1
18"	5	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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