American Signal

CMS-T331

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RELIABLE. VERSATILE. HIGH VISIBILITY.

Trailer-mounted messaging for work zones, traffic control and events.

1,000+ FT LEGIBILITY

OPTIONAL SATELLITE CONNECTIVITY

Starlink Mini connectivity available for deployments with limited or no cellular coverage.

POWER SYSTEM

170W solar panel
12V system / 4-battery configuration
Perpetual charging in direct sunlight
Onboard AC charger
MPPT solar charge controller

CONTROL & OPERATION

Handheld control terminal
Message scheduling
Automatic brightness adjustment
Password-protected access
Diagnostics and system monitoring

GSA

MAS CONTRACT
47QSMS26D006Z

CMS-T331

SPECIFICATIONS & OPTIONS

DISPLAY SPECIFICATIONS

Display type	Character matrix
Pixel matrix	21 rows × 40 columns
LEDs per pixel	5
Viewing angle	30 degrees

CHARACTER FONTS

Font matrix	Height	Chars per line	Lines
4 × 7	18 in.	8	3
5 × 7	18 in.	8	3

COMPLIANCE & STANDARDS

Meets FHWA standards
MUTCD-compliant messaging
NTCIP Version 2 / V1203 object support
ITE amber LED standards
WYSIWYG message display control

BATTERY UPGRADE

LiFePO4 battery upgrade package
20-year battery life*



PHYSICAL & MECHANICAL

Raised height	13 ft 7½ in.
Stored height	8 ft 11½ in.
Length with tongue	13 ft 3 in.
Length without tongue	11 ft 5½ in.
Trailer width	6 ft 7½ in.
Sign case width	11 ft 5½ in.
Sign case height	6 ft 7½ in.

MESSAGE MEMORY

200 preprogrammed messages
200 user-defined messages
250 message sequences
Up to 10 pages per sequence

COMMUNICATION & OPTIONS

Cellular, Ethernet and wireless
Cloud-based fleet management
GPS tracking
Radar overspeed detection
Queue detection
Virtual journey time
Highway advisory radio (HAR)
CCTV and vehicle data logging
AIMSTAR adjustable solar assembly
Expanded solar and battery capacity

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