TRI EQUIPMENT PRODUCTS

American Signal

CMS-T333
FULL MATRIX



RELIABLE.
VERSATILE.
HIGH VISIBILITY.

1,000+ FT LEGIBILITY

OPTIONAL SATELLITE CONNECTIVITY

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

POWER SYSTEM

2 × 170W solar panels
12V system / 6-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

GSA MAS CONTRACT
47QSMS26D006Z

CMS-T331

SPECIFICATIONS & OPTIONS

DISPLAY SPECIFICATIONS

Display type	Full matrix
Pixel matrix	28 rows × 50 columns
LEDs per pixel	5
Viewing angle	30 degrees

CHARACTER FONTS

Font matrix	Height	Chars per line	Lines
3 × 5	13 in.	12	4
4 × 5	13 in.	10	4
3 × 7	18 in.	12	3
4 × 7	18 in.	10	3
5 × 7	18 in.	8	3
5 × 7W	18 in.	7	3
7 × 7	18 in.	6	3
7 × 7W	18 in.	5	3
6 × 11	28 in.	7	2
7 × 20	53 in.	6	1
9 × 20	53 in.	5	1

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

230 preprogrammed messages
200 user-defined messages
250 message sequences
150 graphics and animations

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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