

VoiceStar™ CMS-T300 Series

Portable Changeable Message Sign &
Highway Advisory Radio



The **Voicestar™** from American Signal Company is a system consisting of a changeable message sign and an AM Highway Advisory Radio (HAR) on a single trailer, that is designed to be deployed and set up in minutes, to broadcast up-to-the-minute emergency and traffic advisories to motorists and the general public. Messages are displayed on a changeable message sign and audio messages are broadcast to motorists providing up-to-the minute advisories. The system is designed to advise of potential hazards, work-zones or varied conditions in order to create a heightened state of driver awareness.

The **Voicestar™** is designed to operate 365 days a year, broadcasting 24 hours a day. The display format for the sign display may be Character, Line, or Full Matrix. The system is battery powered with both solar and 110 VAC charging systems. These two devices, while collocated on one trailer, can be outfitted with numerous Intelligent Transportation System (ITS) devices.

COST EFFECTIVE

- **SOLR™** primary power charging system
- Energy Efficient
- Environmentally Sound

LOW MAINTENANCE

- Minimal and simple maintenance
- Long life LEDs
- **SOLR™** primary power supply
- Easily removeable trailer tongue and/ or hitch

BUILT TO LAST...

- Designed to operate in inclement weather

EASY TO USE

- User-friendly Interface
- Local and/or remote sign control
- Messages are easy to create, store, and modify

FEATURES:

- Character Matrix, Line Matrix, or Full Matrix
- AimStar™ Adjustable Solar Assembly
- Battery Powered/ Solar Recharged
- Central Remote Software
- Message Scheduling
- Dynapoint™ Lens Enhanced LEDs

HIGHWAY ADVISORY RADIO:

- Digital Data Recorder/ Player
- AM Radio Transmitter
- Antenna Assembly

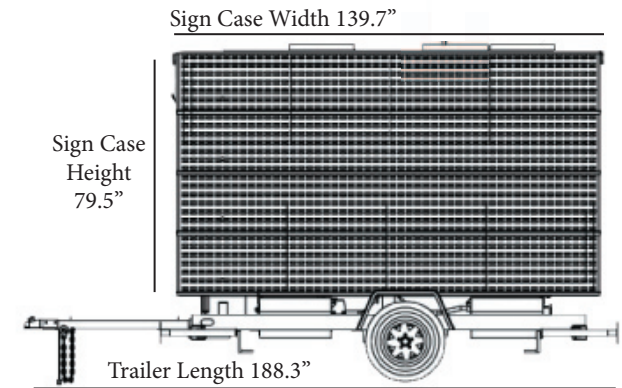
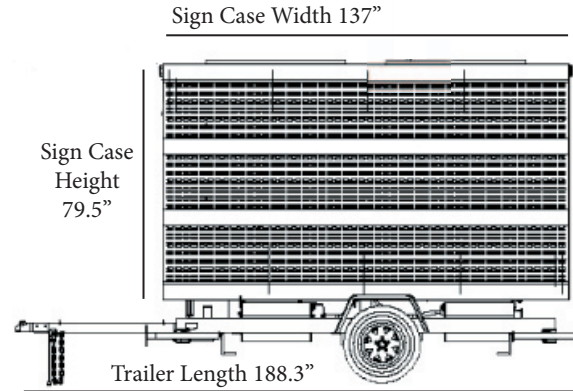
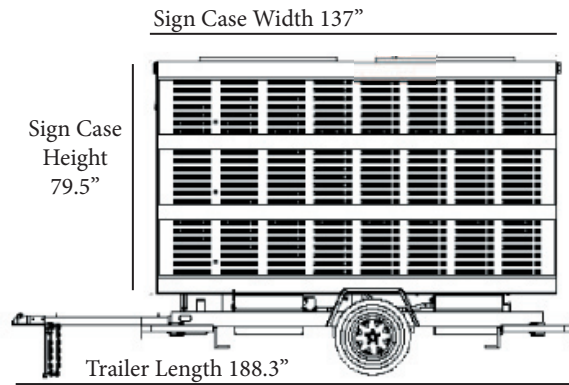
OPTIONS:

- Radar w/ Data Logging
- Queue Detection
- Remote Control: Landline, Cellular, CDPD
- Extended Autonomy
- NTCIP Compliant
- ITMS Work Zone Compatible
- Graphic User Interface (GUI)

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*** specifications subject to change with technology





CMS-T331 - Character Matrix

PHYSICAL/MECHANICAL

- Height (raised) 162" / 4.1m
- Height (storage) 109.3" / 2.8m
- Length 188.3" / 4.8m
- Trailer Width 79.5" / 2.0m
- Sign Case Height 79.5" / 2.0m
- Sign Case Width 137" / 3.48m
- Character Size/ Height 18"
- 2 Font Sizes

CMS-T332 - Line Matrix

PHYSICAL/MECHANICAL

- Height (raised) 162" / 4.1m
- Height (storage) 109.3" / 2.8m
- Length 188.3" / 4.8m
- Trailer Width 79.5" / 2.0m
- Sign Case Height 79.5" / 2.0m
- Sign Case Width 137" / 3.48m
- Character Size/ Height 18"
- 4 Font Sizes

CMS-T333 - Full Matrix

PHYSICAL/MECHANICAL

- Height (raised) 162" / 4.1m
- Height (storage) 109.3" / 2.8m
- Length 188.3" / 4.8m
- Trailer Width 79.5" / 2.0m
- Sign Case Height 79.5" / 2.0m
- Sign Case Width 139.7" / 3.5m
- Character Size/ Height 18" - 53"
- 9 Font Sizes

POWER SYSTEM

- 12 VDC (CMS) & 24 VDC (HAR)
- Solar Primary Power Charging
- 120 VAC Built-In Charger
- Energy Efficient Power Manager
- Automatic 9 Level Dimming
- Default Cutoff to Prevent Battery Drainage

HAR

- 0-10 Watt Transmitter Output
- Built-In Volt Isolation
- Anodized Aluminum Monopole Antenna
- Solid State Memory w/ Internal Battery Backup

TRANSMITTER

- 0-10 Watt Operation
- Class D, High efficiency output
- Compliant with FCC 90.242
- IPC-610 certified
- Synthesized frequency selection
- 530-1700 kHz AM band

CONTROL/OPERATION

- 199 Pre-Programmed Text Messages
- 199 User-Defined Text Messages
- 250 Message Sequences
- Graphical Messages (T333 only)
- Animations (T333 only)
- Daily/ Weekly/ Yearly Event Scheduling

ELECTRICAL / LED DISPLAY

- 4 LEDs Per Pixel
- 30 Angularity
- Update Speed-Variable Timing - .10 sec increments
- LED Color - 592nm ITE Amber/ Yellow

OPTIONS

- Remote Cellular Control
- GPS Frequency Stabilization
- NOAA Weather Radio Alert
- IP Addressable Message Recording
- USB Drive Message Loading
- MP3 Audio Files

DIGITAL AUDIO RECORDER

- Excellent audio quality (16 bit sampling)
- Rack mounted slim design
- Full remote control
- Remote Security
- Voice prompt assisted operation
- Live audio broadcasting
- Message preview
- Three (3) audio inputs/outputs
- Eight (8) external contact closures
- 1,000 message storage
- Fifty (50) message playlists
- Optional: two way radio control
- DTMF control

