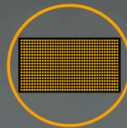




• **RELIABLE** • **VERSATILE** • **HIGH VISIBILITY**

The CMS T331 is a character-matrix, trailer-mounted changeable message sign designed for dependable performance and easy deployment. The unit delivers clear, readable messaging for work zones, traffic control, and event applications. Built with an all-LED display and rugged construction, it delivers reliable performance in demanding field conditions.



21 Pixel Rows x 40 Pixel Columns
Up to 3 lines x 8 characters per line



Cellular, Ethernet, Wireless
Smart Work Zone Applications

- Queue Detection
- VJT



Efficient 170W+ solar panel
12V Battery System
Lithium battery upgrade package, 20-year battery life, battery covered by a 10-year warranty*

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COMPLIANCE & STANDARDS

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

DISPLAY & MESSAGING

- 30-degree angular visibility
- Wide-angle visibility
- High contrast LED output
- 5 LEDs per pixel
- Clear visibility in all conditions
- 1,000+ FT legibility

ADVANCE CAPABILITIES

- GPS tracking and location data
- Multi-unit fleet control
- Custom message scheduling
- Cloud-based fleet management
- Remote access via cellular
- GPS tracking and location data
- Radar speed detection integration
- Traffic data collection capable
- CCTV

Power

- Solar-powered system
- 1 x 170W solar panel
- 4 battery configuration
- 30-day battery runtime
- Onboard AC charging system
- MPPT solar charge controller
- Automatic charging management
- Reliable off-grid operation
-

CONTROL & OPERATION

- Menu-driven controls
- Handheld control terminal
- Preprogrammed and custom messages
- Message scheduling available
- Adjustable brightness control
- Diagnostics and system monitoring
- Password-protected access
- Remote communication ready

LITHIUM BATTERY UPGRADE

- LiFePO4 battery upgrade available
- Longer life than lead acid
- Higher energy density
- Consistent power output
- Faster recharge capability
- Extreme temperature performance
- Maintenance-free operation
- Reduced weight design
- Safer battery chemistry