

CONNECT:ITS

All-in-one transportation management alert system.



19" Rack mounted

The CONNECT:ITS System from MH Corbin is engineered to be a simple to use, scalable and low power advanced roadside information system. Using data from both MH Corbin and popular third party sensors, algorithms compute changing roadway conditions in real time. Data is then sorted and distributed to your existing messaging network of HAR systems, dynamic message signs and flashing beacon systems. Additional outputs can also be used to send data to in-vehicle warning systems via DSRC.



Din rail mounted

The CONNECT:ITS System is the right tool to communicate advanced warnings in real time. Potential applications for the CONNECT:ITS include but are not limited to: bridge deck icing, low visibility, curve warning, over-height vehicle detection and wrong way detection. The CONNECT:ITS System can also be scaled up or down for a customized solution based on specific application needs.

Quick Facts

- Roadside decision making
- Completely customizable
- More cost effective than bigger systems
- Handles environmental, traffic and pavement data
- Decision support system utilizing python scripting
- Communication via DSRC
- NTCIP Compliant
- NEMA TS-2 2016



Interface, Ports	CONNECT:ITS 19	CONNECT:ITS DIN
REMOTE CONTROL	Web Interface	Web Interface
LEDS	Power, SBC, HDD, Heartbeat	Power, SBC, HDD, Heartbeat
POWER	12V	10V-36V, 6W not including sensors
CONNECTORS	Ethernet (2), USB (2), RS-232 (2), RS-485 (2)	Ethernet (2), USB (2), RS-232 (2), RS-485 (4), Digital Out (2), Analog Input (2), HDMI (1) Audio In, Audio Out
ANTENNA	Cellular, GPS, Pavement sensors	Cellular, GPS, Pavement sensors, Satellite

Computing

PROCESSOR	Intel	Intel
MEMORY	4GB minimum	4GB minimum
STORAGE	8GB minimum	16GB minimum
OPERATING SYSTEM	Linux	Linux

Physical

DIMENSIONS	16.5 x 10 x 3.5 in. 19 in.	6 x 5 x3 in.
MOUNTING	Rack	Din Rail or shelf
WEIGHT	10.2 lbs	1.6 lbs
OPERATING TEMP	-29°F to 165°F (-34°C to 74°C)	-29°F to 165°F (-34°C to 74°C)
HUMIDITY	Up to 95% RH	Up to 95% RG
TESTING	NEMA TS-2 2016	NEMA TS-2 2016

CAPABILITIES

SENSOR INPUT OPTIONS

- Radar based vehicle detectors
- Non-Invasive pavement sensor
- Precipitation/Visibility sensors
- VX21 wireless pavement sensor
- All-in-one weather sensors
- Speed Sensors
- CCTV with analytics

DESTINATIONS

- Highway Advisory Radio
- Dynamic Message Signs
- Variable Speed Limit Signs
- Email/Text Alerts
- In-vehicle alerts via DSRC
- Traffic Management Centers/ ATMS



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Additional information is available at www.mhcorbin.com

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