



Western Systems

MH CORBIN

CONNECT:ITS

INTELLIGENT TRAFFIC SOLUTIONS



The Connect:ITS advanced roadside controller is an instrumental part of any new or existing traffic management system. Its ability to operate with a wide variety of sensors, cameras, lidars, and alerts allows you to enhance the performance of your existing system. Additionally, if you have a specific traffic-related issue, we can design a customized system to gather, analyze and communicate vital information.



TRAFFIC APPLICATIONS



QUEUE DETECTION



CURVE SPEED WARNING



COLLISION AVOIDANCE

WHY CHOOSE CONNECT:ITS



HIGHLY VERSATILE

The Connect:ITS is designed to bring together all the components of your traffic monitoring system, regardless of model. Unlike most traffic controllers, it is interoperable with a wide range of sensors and alert systems allowing for maximum adaptability and endless problem-solving possibilities.



EDGE COMPUTING

While data gathered by the Connect:ITS can be sent to the cloud, it operates primarily as an edge computing device. Critical traffic information is gathered, analyzed and communicated at the roadside so alert systems are activated in real time with minimal latency.

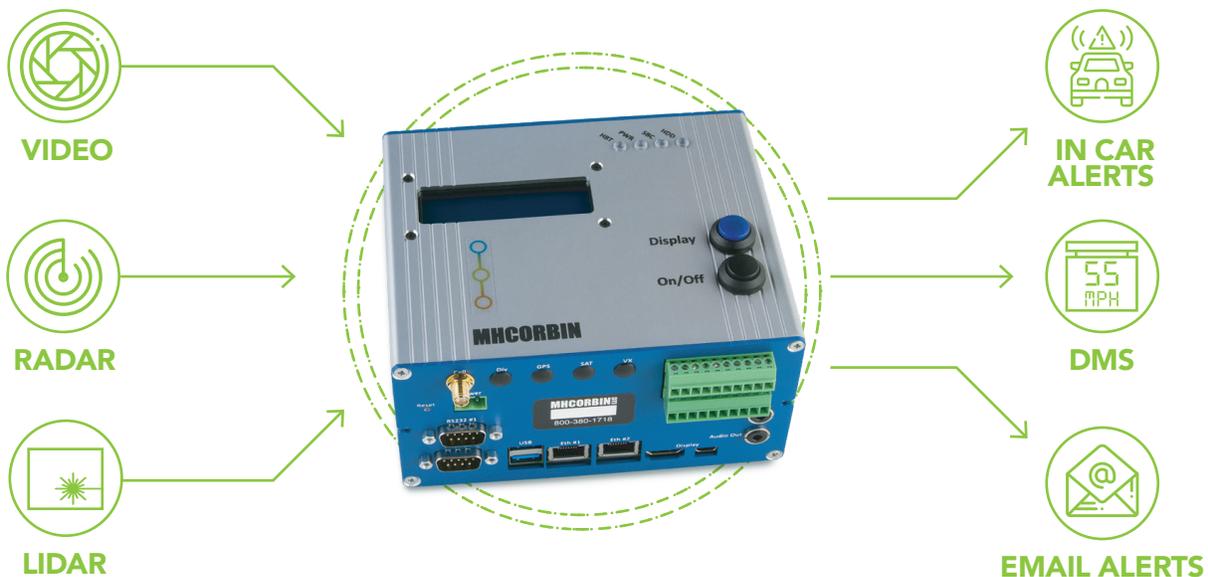


EASILY CUSTOMIZABLE

Many customers rely on our library of existing scripts for standard traffic applications. Others require a tailored solution. No matter how complex the challenge, our team of experts will work with you to configure the Connect:ITS to solve your specific needs.

HOW IT WORKS

Every Connect:ITS is programmed with Python scripted logic parameters. Traffic data including vehicle speed and direction, queue length, and road conditions are analyzed by algorithms at the roadside. Once levels cross a determined threshold, the system activates one or more alerts including dynamic message signs, in-car alerts, variable speed limit signs, flashing beacons, and email/text alerts.



ADVANCED DASHBOARD

The Connect:ITS features Metiri, an intuitive web-based dashboard to analyze your data in real time.

Track vehicle speed, vehicle direction, queue length, and many other inputs across time and location.

Choose from dozens of graphical visualization tools to view live data feeds including camera images and video, scaled line charts, heat maps, speed gauges, radar graphs and bar charts.

With Metiri, you control how your data is organized so you can get the most out of your traffic management system.

