

Traconex™ TMM 500

NEMA Traffic Intersection Controller

Benefits of a TMM 500

The Traconex TMM 500 is Peek Traffic's evolved version of our trusted Traconex NEMA master traffic controllers.

The TMM-500 is an intelligent master coordinator for arterial systems, grid systems, or other signal groups where coordinated program selection and synchronization is required. It has been proven that coordinating signal display patterns for a group of intersections can enhance traffic flow.

The TMM-500 is capable of selecting and generating traffic programs by traffic-responsive, time-of-day programs, or manual control inputs. In addition, the TMM-500 is capable of interfacing its signal system with TRACONET, the Traconex central traffic management software package, or the NTCIP-based IQ Central software system from Peek Traffic. These options provide the capability to monitor system operation, modify master and local controller databases, and observe traffic control information through map displays from a central network location.



Features

- Controls any combination of up to 31 390CJ or TMC-320 controllers
- Easy to program menu-driven interface. The TMM 500 can be programmed through the front panel keyboard with page-for-page correspondence to the Traconet or IQ Central database
- Network administration via Traconet or IQ Central central management software, including database programming, status monitoring, and log retrieval
- Time-of-Day coordination
- Traffic responsive coordination
- Hard wire coordination
- Connection to central management software via a variety of networking options, including modems, radio modems, direct serial connections, or Ethernet*
- System flash enable
- Almost all components can be interchanged between a TMM 500 and a 390CJ
- Meets or exceeds all NEMA environmental specifications
- 100,000 hour MTBF rated - The TMM 500 has a well documented record of reliability. Its mean time between failures is rated at over 100,000 hours.
- Stored detector data can be remotely uploaded via Traconet or IQ Central over any of the available networking options.
- Packaging is small, light and rugged. The TMM 500 is among the most compact master controllers available, so it can be installed in smaller cabinets, if desired. Constructed of GE Noryl plastic, its enclosure is both light and extremely durable.
- Mnemonic library gives definitions of functions

* Ethernet connections are possible using the Peek IQ Connect translator module with IQ Central

Control Specifications

- 16 system detectors can be programmed from on-line local controllers or through direct input to TMM 500
- 96 Detector sampling periods
- Stored detector data can be remotely uploaded via Traconet and dial-up modem
- 96 Time-of-Day Plans
- Event Monitor monitors all controllers on the system for significant events and calls the central computer to report these events when part of a Traconet or IQ Central system
- Controls any combination of up to 31 390CJ or TMC-320 controllers
- Detector failure monitoring for overcount, undercount, constant call for all 16 system detectors
- System coordination by six dials, five offsets, three splits/dial, intersection plan mode
- Interconnected operation with monitoring over standard hardwire interconnect or using spread spectrum radio

System Ordering Information

TMM 500	.2802 7314-001
Internal modem	.2802 7358-004
TMM 500 to modem cable	.2802 6321-004
TMM 500 Communications panel	.2802 6351-002
"A" Cable for TMM 500	.2802 1121-011

Two Year Limited Warranty

Peek Traffic warrants this product against manufacturing defects in materials and workmanship for two years from date of shipment from Peek Traffic. Specific contracts and regional laws may vary or alter these terms.



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