M60 Series

Advanced Traffic Controllers for NEMA and ATC Cabinets

YUNEX
TRAFFIC

The mobility revolution is ongoing, and cities need to react

It is time for smart mobility infrastructure, more CO_2 reduction, and safer, more livable cities. We are meeting our responsibility with the most comprehensive end-to-end portfolio of traffic management solutions on the market.

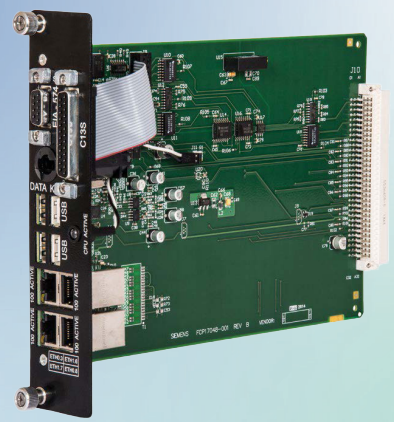
The Yunex Traffic M60 ATC Traffic Controller gives better control of traffic signals, cost of ownership and a signal system‘s future. Yunex Traffic has made the M60 ATC a feature-rich traffic signal controller along with the robust performance required to meet ever-changing traffic demands. Because the advanced functionality of the M60 series is designed to meet NEMA, ATC 5201 v06, and NTCIP 1202 v2 standards and specifications, upgrading controllers and software to M60 ATC with SEPAC will keep a city ahead of the traffic curve.

Providing robust hardware and innovative software for traffic management needs

Putting the best features on display

The Yunex Traffic MultiView Display will change the way users navigate the operations of signalized intersections. Split viewing allows changes to the configuration of the M60 ATC, while viewing any one of five active status windows. The 5 1/8-inch active Thin Film Transistor (TFT) back-lit LCD display facilitates low-light configuration changes and multiple background and text colors. With Yunex Traffic's unparalleled backward compatibility, a quick software upgrade to existing M50 controllers will bring new life and functionality to a trusted controller.

M60 MultiView Display



M60 ATC Communications Module

New applications powered by standard interfaces

The M60's modular hub brings all of the communication ports required to keep a signalized intersection connected to the traffic management center. The product includes a network switch for communication with multiple traffic control cabinet devices. Four USB ports are also included for expansion over years to come. A datakey port also adds backward compatibility with legacy systems which facilitates the migration to the new Yunex Traffic platform.

More flexibility with the Cabinet-Ready Controllers

The Yunex Traffic m60 Series ATC Cabinet-Ready and the M60 ATC LITE Cabinet-Ready controllers are the newest additions to the M60 series. These controllers are equipped with an ATC Cabinet Compatible Backplane which allows an ATC Cabinet Module to be inserted into the controller. With this module, the controller can be used in an ATC shelf-mount cabinet.

ATC Cabinet Module

Expanding possibilities with the new M60 Series ATC Cabinet-Ready Controllers

The solution to the yellow go/no go zone dilemma

Yunex Traffic exceeds the safety features stipulated by the NEMA TS 2 with additional enhancements to benefit users. The advanced vehicle density setting helps identify safe gaps between vehicles approaching a signalized intersection to reduce the effects of the dilemma zone. Using state-of-the-art features of collision avoidance routines, the Yunex Traffic M60 ATC can extend the all-red clearance interval to reduce the risk of side-impact collisions

Open Linux architecture with Super Long-term Support

The M60 ATC Traffic Controller uses a robust, scalable, secure, and open architecture Linux Operating System. The Yunex Traffic M60 controller runs a Civil Infrastructure Platform (CIP) Super Long-term Support Linux Kernel version 4.4. The CIP supported version provides software building blocks that meet safety, security, and reliability requirements which are critical to industrial and civil infrastructure projects. Super Long-term Support assures that the critical functional and security updates are available for a minimum of 10 years.

Bigger and better traffic management

The M60 series traffic controller is part of a network of Yunex Traffic innovations for better traffic management that includes the TACTICS™ Central Advanced Traffic Management System (ATMS). Working together or independently, these capabilities deliver the most advanced technologies into traffic management configurations across North America.

M60 ATC Cabinet-Ready Controller

Advanced, priority routines

Yunex Traffic is the industry leader in priority routines. The M60 with SEPAC can receive signals from an approaching bus or light rail train and prioritize them with minimal impact on the flow of other vehicles approaching the intersection. With full priority, the M60 ATC traffic controller will actively prioritize the approaching transit vehicle by skipping directly to the appropriate transit phase to minimize delays seen by the transit agency. Partial priority is a more balanced approach where phases have a pre-programmed amount of time reduction and extension. With a balanced approach, users can prioritize the transit vehicle while minimizing delays on all approaches, even during coordination

Uniting what's next in traffic.

Let's shape the future of mobility together!

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Yunex Traffic is a global leader in the field of intelligent traffic systems, offering the widest end-to-end portfolio of solutions for adaptive traffic control and management, highway and tunnel automation, as well as smart solutions for V2X and road user charging tolling. Yunex Traffic has 3100 employees from 58 nations and is active in over 40 countries worldwide. Its intelligent mobility solutions are currently being used in major cities across the world, including Dubai, London, Berlin, Bogota, and Miami. Yunex Traffic has successfully concentrated its efforts on mastering technologies in the three segments of hardware, software, and service, and is subsequently the only supplier who is capable of meeting all major regional standards in Europe, UK, Asia and America. Further information is available at www.yunextraffic.com/us.