



2070LX Series

Advanced Traffic Controllers

YUNEX
TRAFFIC

Standard outside, power inside



The model 2070LX ATC controller series features open architecture hardware that meets the Caltrans 2009 TEES specification. Ideal to fit the needs of any size market, the hardware features a Linux platform and is interchangeable with standard 170 controllers. Its modular design allows for continued progression to adapt to new needs and updated specifications quickly and easily.

The 2070LX ATC controller offers interchangeable options in processing, communications and I/O hardware. Its open architecture with Linux operating system makes it capable of running Yunex Traffic SEPAC traffic controller software.

Versatile and durable, the 2070LX ATC controller supports cross-vendor compatibility between hardware and software and is designed and built to handle the unattended operation in harsh environments.

Benefits

- Supports cross-vendor compatibility between hardware and software
- Versatile with multiple processing, communications, and I/O hardware module options
- Easily upgradeable and quickly customized with modular design
- Designed and built for unattended operation in harsh environments
- Interchangeable with standard 170 controllers

Yunex Traffic LX ATC Controller Series Features

Standard Features

- Meets Caltrans specifications
- Rack-mounted to fit into any Caltrans style cabinet
- Back-of-cabinet wiring and access available
- Open architecture platform with Linux operating system
- Runs Linux 4.4 Civil Infrastructure Platform kernel with Super Long-term Support, providing critical security updates
- Standard software modules from multiple sources
- 2 slots available for choice of dual serial or third-party communication modules such as fiber optic, EIA232 or 485 modems
- High speed serial communications to CPU

Common Technology

- USB 2.0 High-Speed supported
- Parallel I/O Ports - 64 bits each input and output
- SDLC compatible communication with CPU Module
- External RS-485 Net
- Datakey - KC4210PCB Keyceptacle™, support up to 32Mb Datakey, 3.3V/5.0V
- EIA 485 Bus Interface
- Time of Day Clock

2070-1C Technology

- Three 10/100 Ethernet ports on primary switch
- One 10/100 Ethernet port on secondary switch

Available Modules

- 2070-7A Async/Sync Serial Comm Module
- 2070-4A Power Supply Module
- 2070-2E+ Field I/O Module
- 2070-3B Front Panel Display (FPA)
- 2070-1C CPU (Linux)
- 2070-2B Field I/O module
- 2070-2C+ Field I/O module



Unit Version	Description	Hardware
2070LX	LX unit mates to the 170, ITS and ATC cabinets	Unit Chassis, 2070-1C CPU, 2070-2E+ FIO, 2070-3B Front Panel, and 2070-4A Power Supply



Let's shape the future of mobility together!

Yunex, LLC
9225 Bee Cave Rd.
Building B, Suite 201
Austin, TX 78733
us.yunextraffic.com

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 us.yunextraffic.com.