Model 2070LX Controller

FEATURES

- Type 332 and 336 cabinet compatible
- ATC v6.25 specification compliant
- Compliant with 2009 TEES Specifications for 2070-2E+ Field I/O
- Optional traffic control software
- Operating system software included
- 2070-1C CPU Module
- 8 x 40 front panel LCD display
- Async Serial Comm Module
- Power Supply Module (10 Amp)
- On-board diagnostic hardware and software
- Linux Operating System

Introducing the new Trafficware 2070LX Traffic Controller based on the Advanced Transportation Controller (ATC) standard specification and the California DOT Transportation Electrical Equipment Specifications (TEES). This state of the art traffic controller is completely compatible with the Type 332 and 336 traffic cabinet currently utilizing CALTRANS 170/179 controllers. The 2070LX can be loaded with factory-provided traffic controller software or is capable of operating using other available software.
# Model 2070LX Controller

## FEATURES
- Direct replacement for 170 CU
- Compliant with CALTRANS 2070LX specification
- SDLC compatible communications
- Ethernet interface for network applications
- USB 2.0 port
- NTCIP compatible database as well as communications
- 16 Phases, 4 timing rings / 16 programmable overlaps
- Same controller can serve as a master AND local

## ITS CONTROLLER

### SOFTWARE FEATURES
- 2 NTCIP coordination modes (fixed and floating force-offs)
- 7 additional coordination modes
- 5 modes of walk recycle during coordination
- Adaptive splits (Critical Intersection Control)
- 48 patterns (unique cycle, offset, splits and sequence)
- Shortway / longway transition using Begin or End Green

## COORDINATION
- 6 selectable fire or rail preempt programs
- 4 selectable transit programs
- Return to coordinated phase after preempt
- 64 detector inputs provide volume / occupancy MOE's
- Occupancy-on-green allows local detectors to be used
- Complete detector diagnostics built into the controller

## PREEMPTION
- Action plans called by time-of-day
- 100 action plans selecting a pattern
- 3 auxiliary functions / 8 special outputs per plan
- Day plan copy function
- Manual control screen
- Naztec "Easy" scheduler for faster entry
- Additional pattern based options and detector maps
- Traffic responsive operation using on-street masters
- Supports SynchroGreen Adaptive System