

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



2070LX

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

ITS CONTROLLER SOFTWARE FEATURES

NTCIP compatible database as well as communications 16
Phases, 4 timing rings / 16 programmable overlaps Same
controller can serve as a master AND local

COORDINATION

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

PREEMPTION

6 selectable fire or rail preempt programs
4 selectable transit programs
Return to coordinated phase after preempt

MEASURES OF EFFECTIVENESS

64 detector inputs provide volume / occupancy MOE's
Occupancy-on-green allows local detectors to be used
Complete detector diagnostics built into the controller

TIME-OF-DAY / TRAFFIC RESPONSIVE / TRAFFIC ADAPATIVE

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

