

2070L ITS Controller

FEATURES



2070L

- Type 332 and 336 cabinet compatible
- ATC specification compliant
- TEES compliant
- Optional traffic control software
- Operating system software included
- 2070-1B CPU Module
- 8 x 40 front panel LCD display
- Async Serial Comm Module
- Power Supply Module (3.5 Amp)
- Optional VME cage assembly
- On-board diagnostic hardware and software with print option

Introducing the new Trafficware 2070L 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 2070L can be loaded with factory-provided traffic controller software or is capable of operating using other available software code.



2070L ITS Controller

FEATURES	Direct replacement for 170 CU Compliant with CALTRANS 2070N specifications SDLC compatible communications 2 - RS232 connectors (Type 170 C2 and C20 connectors) Ethernet interface for WAN applications using Cisco router
CONTROLLER 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 Trafficware "Easy" scheduler for faster entry Additional pattern based options and detector maps Traffic responsive operation using on-street masters CIC adaptive split algorithm

