2070LN2 ITS Controller

Front View

Rear View

FEATURES

- NEMA TS-2 Type 1 Cabinet Compatible
- ATC Specification Compliant
- TEES Compliant
- Optional Traffic Control Software
- Operating System Software Included
- 2070-1B CPU Module
- 8x40 Front Panel LCD Display
- Async Serial Comm Module
- Power Supply Module (3.5 Amp)
- On-Board Diagnostic Hardware and Software with Print Option

The Trafficware 2070LN2 Traffic Controller is based on the Advanced Transportation Controller (ATC) standard specification and the California DOT Transportation Electrical Equipment Specifications (TEES). This traffic controller is completely compatible with NEMA TS-2 Type 1 Cabinets. The 2070LN2 can be loaded with factory-provided traffic controller software or is capable of operating using other available software code.

2070LN2 ITS Controller

FEATURES	• Compliant with CALTRANS 2070LN2 specifications • SDLC compatible communications • Two (2) RS232 connectors (C21S and C22S connectors) • Ethernet interface for WAN applications using Cisco router
ITS 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	• Two (2) NTCIP coordination modes (fixed and floating force-offs) • Seven (7) additional coordination modes • Five (5) modes of walk recycle during coordination • Adaptive splits (Critical Intersection Control) • 48 patterns (unique cycle, offset, splits, and sequence) • Short-way/long-way transition using Begin or End Green
PREEMPTION	• Six (6) selectable fire or rail preempt programs • Four (4) selectable transit programs • Returns 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 ADAPTIVE	• Action plans called by time-of-day • 100 action plans selecting a pattern • Three (3) auxiliary functions/eight (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