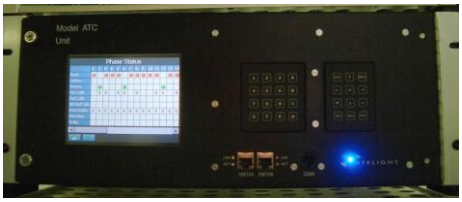
# MaxTime®

## INTERSECTION TRAFFIC CONTROLLER SOFTWARE



### FEATURES

- Easily configurable with a Laptop PC, PDA or directly from controller's front panel
- NTCIP Open protocol communication framework with full NTCIP Compliance Level 2 support
- Built-in programmable flash capabilities
- Special needs pedestrian timing functions
- User programmable logic extensions using cascaded Boolean building blocks
- Supports up to 32 hardware channels (phase or pedestrian)

### NTCIP COMMUNICATION AND DATABASE FRAMEWORK

Built-in, User-Extensible, NTCIP communications/database framework: This "Open" standard communications subsystem integrates directly to internal logic programs but operates independently. Allows efficient resource allocation for multi-applications running on the same controller.

### ADVANCED USER PROGRAMMING FEATURES

- Easy Configuration: The optional On-Board Web Server makes configuration easy using an ordinary laptop and does not require an external configuration tool to program because all configuration, compatibility and validity checking is built-in to the controller.
- Hand-Held Terminal Interface: A hand-held LCD terminal interface is available in black & white or color for basic front panel operations and status displays.
- Logic extension through User defined Boolean logic blocks (AND, NAND, OR, NOR, Exclusive OR, NOT) which can be configured to react to stimulus inputs and fire off a set of controller commands

### OPERATING SYSTEMS SUPPORTED

2070L ATC - OS9
ATC v5.2b - Linux 2.6

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Number of Channels:** | **1- 32** |
| **Number of Phases:** | **1- 40** |
| **Number of Phase Overlaps:** | **1- 16** |
| **Concurrent Rings:** | **1- 16** |
| **Program Sequences:** | **1- 16** |
| **User Programmable Operational Strategies** | **1- 127** |

INTELIGHT
THE COMPLETE TRAFFIC FRAMEWORK

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## ADDITIONAL FEATURES

- Optional Pre-Green and Post Green Timing Intervals
- All Intervals are Color & Flash output programmable
- Pedestrian Timing Intervals can be extended based on Special Needs Call requests
- Delayed Green and/or Delayed Pedestrian Time can be programmed on Phase basis
- Optional Real-Time Adaptive Green Time Allocation and Signal Network Coordination Logic
- Built-In Bus/Light Rail Transit Priority

## Compliance Statement

Intelight MaxTime® meets and exceeds latest NTCIP1201 v2.19 Compliance Level 2 requirements

**NTCIP Framework Support -**

Informational Level:
NTCIP 1201 - Global Object Definitions
NTCIP 1202 – Object Definitions for Actuated Traffic Signal Controller Units (ASC)
SNMP, STMP & SFMP

Transport Level :
TCP-IP, UDP-IP, T2/Null

Subnet Level:
ATM-SONET, Ethernet, PPP, or PMPP

Plant Level:
Fiber, Coax, Twisted Pair or Telco Line

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