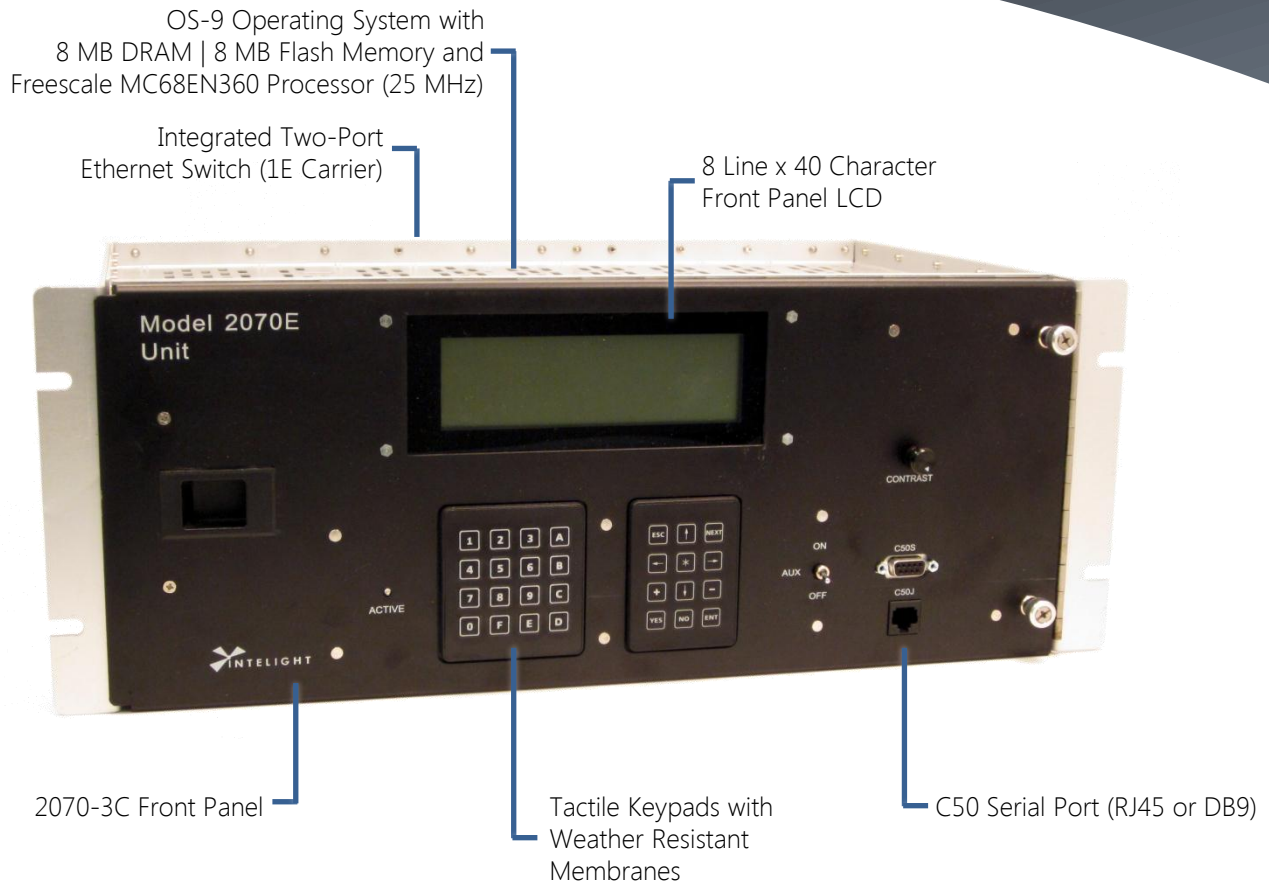


34X / 33X / 170 Style Traffic Signal Controller

Advanced Traffic Controller



OVERVIEW

The 2070E Controller is part of Intelight's complete 2070 series controller line. The 2070E meets and exceeds the current TEES 2009 Specification providing agencies with a robust OS-9 Platform with better Ethernet communications management. The 2070E can be configured for ITS, 2070, 170, 170E, and NEMA TS-1 or TS-2 cabinet Input/Output Configurations. When paired with Intelight's 2070-3D Front Panel, the 2070 E offers a 16 Line x 40 Character Display with a front mounted Ethernet Port. Contact Intelight today to increase the power of your current OS-9 Platform.

PLATFORM

- Meets latest Caltrans 2009 TEES 2070 Specifications, Listed on Caltrans' Qualified Product List (QPL)
- Open Architecture for hosting various 2070 Software Applications
- Configurable 170, 170E, 2070, NEMA TS-1, TS-2 Type -2 Parallel Interfaced Cabinet Applications
- Also Configurable for NEMA TS-2 Type 1 and ITS Serially Interfaced Cabinets Applications
- 2X wide Model 2070-1E CPU Module with Engine Board based intelligence with integral 4 port Ethernet Switch (See below for details)
- OS-9 Operating System with TEES compliant drivers
- Heavy Duty Model 2070-4A Power Supply



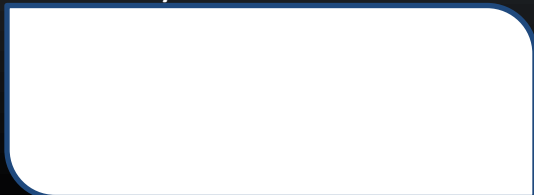
HARDWARE CONFIGURATIONS

- 2070E Includes 2070-2A Field I/O Module for parallel interface to 170/170E/2070 Cabinets
- 2070E-2N Includes 2070-2N Field I/O Module for serial interface with ITS and NEMA TS-2 Type 1 Cabinets
- 2070E-N Includes 2070-N1 Extensions for TS-1 & TS-2 Type 2 Cabinets
- 2070E-B Includes 2070-2B Field I/O Module for interface to ITS Cabinets and other RS-485 peripherals

2070-1E CPU Card

- 2070 Slot Carrier Module with front panel support for
 - 2070 Standard 1X module
 - Front Panel 3.3v DataKey socket
 - Dual RJ45 Front Panel Ethernet ports
 - TEES compliant D type 25pin C13S port
 - Fully Compliant to latest Caltrans TEES 2070 Specifications
- Engine Board CPU Module
 - Fully 2070 hardware and software compliant with latest national ITE/NEMA/ASSHTO 2070 standard
 - Freescale MC68EN360 embedded micro processor – operating @ 25MHz
 - Firmware: OS9 Operating System, TEES Compliant Drivers
 - 7 Serial Ports (SP1-6, SP8)
 - 8 Megabytes of DRAM and 8 Megabytes of Flash Memory
 - 1 Megabyte of backed-up SRAM
 - RTC battery backed Time Reference
 - 4 port IEEE 802.3 100Base-T Ethernet Switch

Distributed by:



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