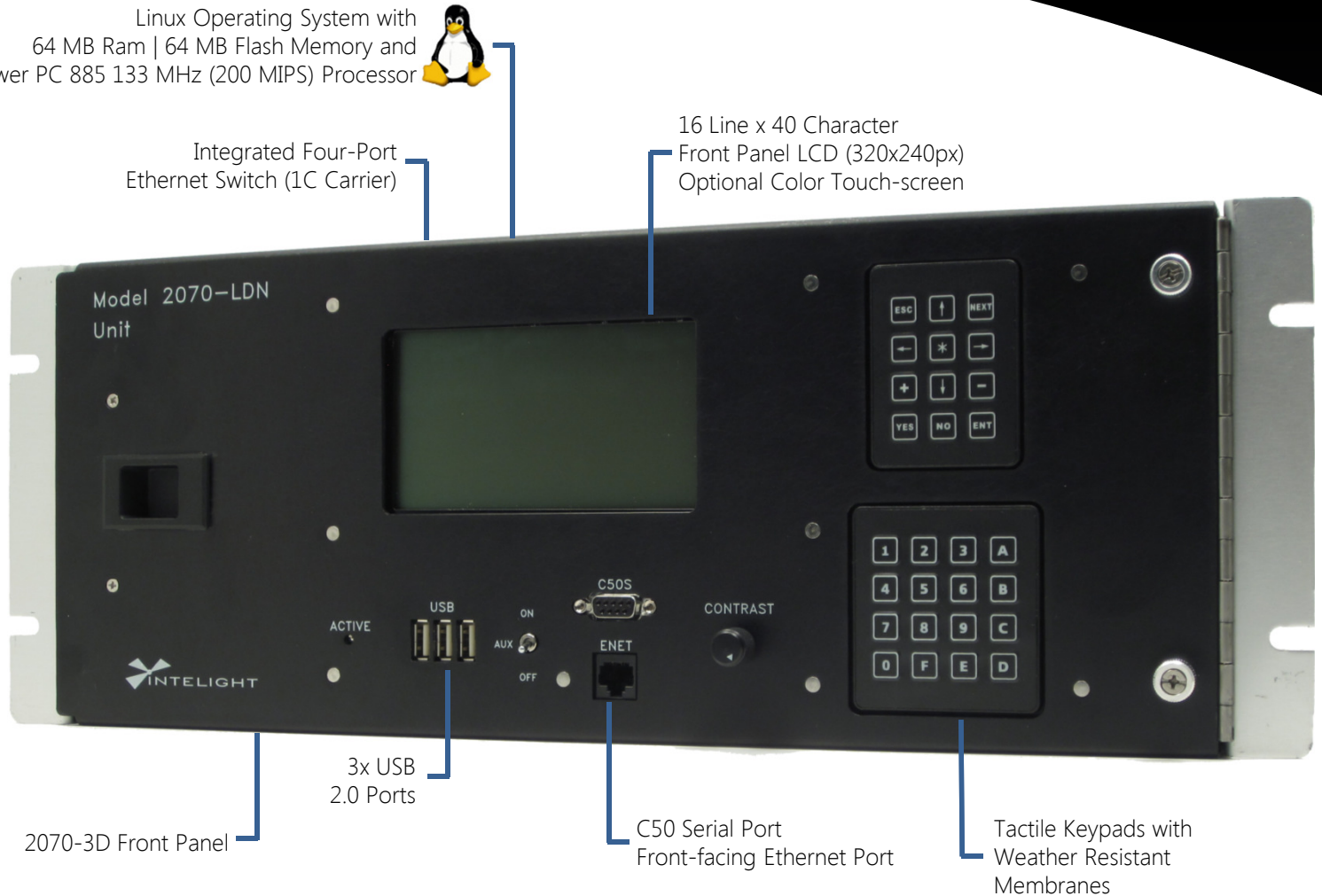


34X / 33X / 170 Style Traffic Signal Controller

Advanced Traffic Controller

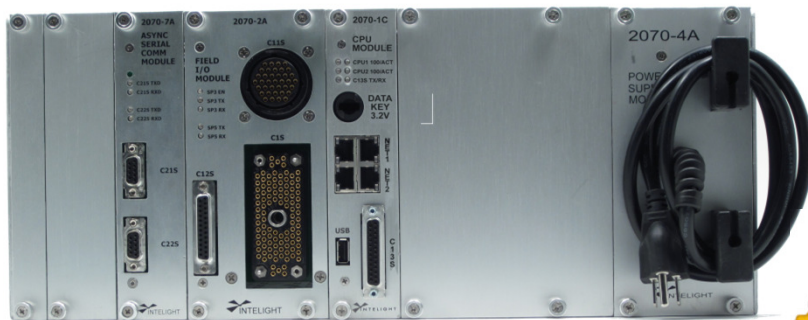


OVERVIEW

The 2070LDX Controller is part of Intelight's award winning "X-Series" CalTrans/170/33X Controller Line. The 2070LDX meets and exceeds the current ATC, CalTrans, and NTCIP standards providing agencies with a robust, industry leading, true open architecture hardware platform. The LDX runs Linux on a PowerPC motherboard offering speed, performance and multi-thread capabilities for today and the future. The layout of the ports provides front-facing access of the Ethernet ports, USB and serial connections. The 2070LDX includes a large backlit 16x40 LCD screen (with optional color or monochrome touch-screen).

PLATFORM

- Fully ATC 5.2b hardware and software compliant to latest national ITE/NEMA/ASSHTO joint ATC standard
- 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
- Linux Operating System
 - ATC v5.2b and Proposed 6.0
 - API (FIO & FP Interface)
- Heavy Duty Model 2070-4A Power Supply
- Environmentally hardened (Operating ambient temperature from -40C to +80 C)



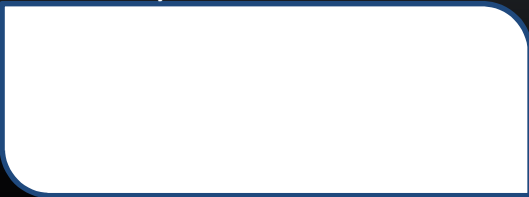
HARDWARE CONFIGURATIONS

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

2070-1C CPU Card

- 2070 Slot Carrier Module with front panel support for
 - 2070 Standard 1X module
 - 3.3v DataKey socket
 - 4x RJ45 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 MPC885 embedded microprocessor
 - 64 Megabytes of DRAM
 - 64 Megabytes of Flash Memory
 - 7 Serial Ports (SP1-6, SP8)
 - RTC battery backed Time Reference

Distributed by:



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