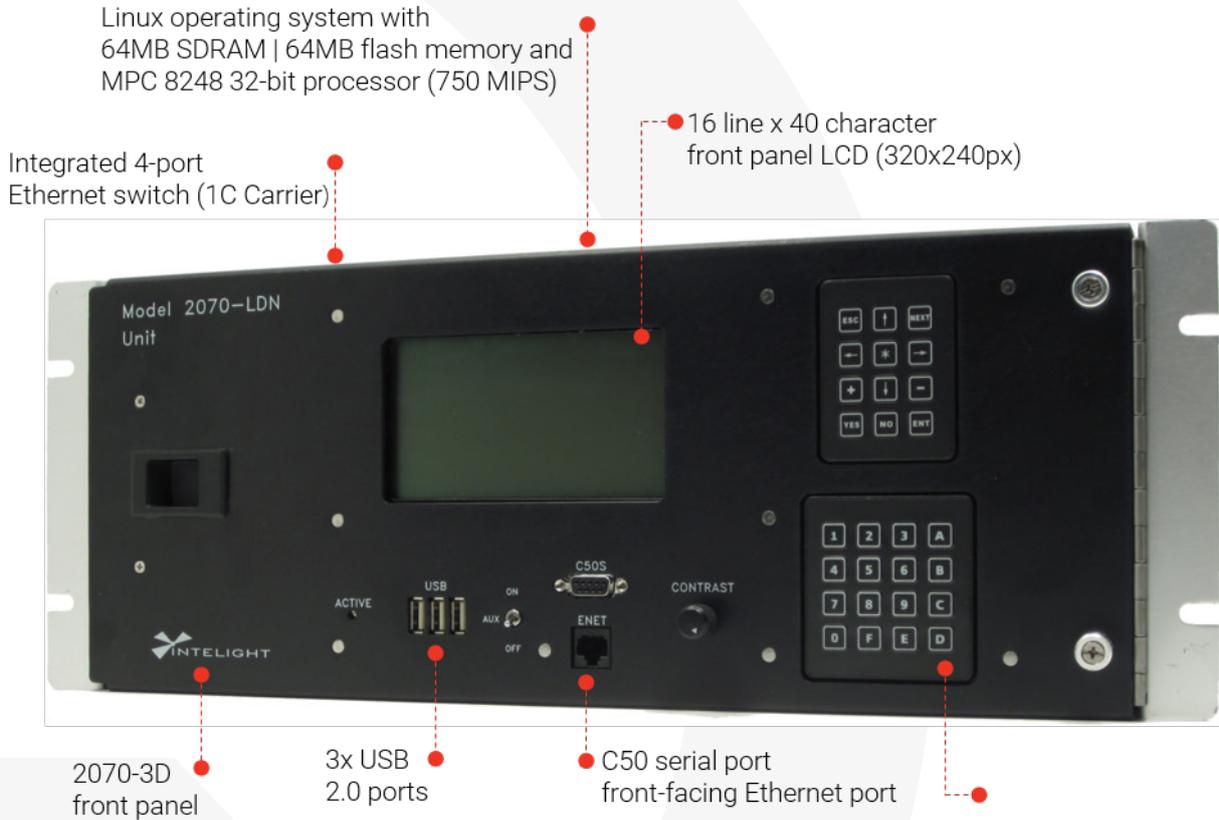


2070LDX CONTROLLER

35X/34X/33X/170 STYLE TRAFFIC SIGNAL CONTROLLER



OVERVIEW

The 2070LDX controller is one of the CalTrans/170/33X versions in Intelight's award winning "X-Series" 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.

HARDWARE CONFIGURATIONS

- 2070LDX includes 2070-2A/2E/2E field I/O module for parallel interface to 170/170E/2070 cabinets
- 2070LDX-2N includes a 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 a field I/O module for interface to ITS cabinets and other RS-485 peripherals

PRODUCT SHEET

PLATFORM

- Compliant with latest ATC 5.2b, ATC 6.25 and Caltrans 2009 TEES (2070-1C)
- Open Linux O/S architecture for hosting various 2070 software applications
- Includes ATC 5401 API as an option
- Runtime libraries per ATC5.2b (ATC 6.25)
- Full support for all required ATC 6.1 software drivers under the latest Linux kernel release v 3.2
- Heavy-duty model 2070-4A power supply
- Environmentally hardened (operating ambient temperature from -40C to +80 C)
- 2070-3D 16 line x 40 character LCD display

2070-1C CPU CARD

- 2070-1X slot carrier module with front panel support for:
 - 3.3v DataKey socket
 - 4x 10/100 RJ45 Ethernet ports w/activity and speed LEDs
 - TEES compliant D type 25 pin C13S port
 - Fully qualified to latest Caltrans TEES 2070 specifications
 - 1 USB port
- Engine board CPU module:
 - Fully 2070 hardware and software compliant with latest national ITE/NEMA/AASHTO ATC standard
 - Motorola (Freescale) MPC8248, 32-bit, 400 MHz, PowerPC Instruction
 - 64MB of DRAM (128MB option)
 - 1MB SRAM (2MB option)
 - 64MB of flash memory
 - 7 serial ports (SP1-6, SP8)
 - RTC time reference



1-833-MAX-HELP

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Specifications are subject to change without prior notice.

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