

SIEMENS

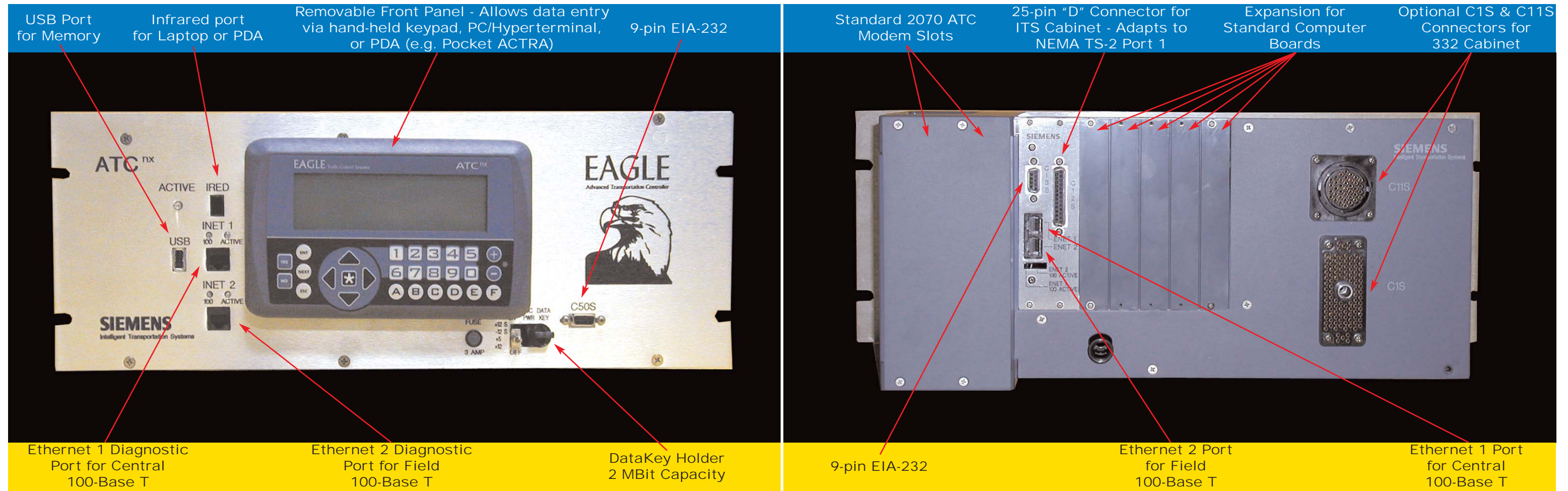


EAGLE ATC^{NX}

Next-Generation Controller

Intelligent Transportation Systems

A look at the cutting-edge EAGLE ATC^{NX} ATC/NEMA controller...



Advanced New Hardware Features

- Meets ITE Next-Generation ATC standard
- Increased support for IP-enabled intersection technology
- Faster, more powerful engine board - at least an order of magnitude faster than the 2070 ATC engine board, with substantial increase in flash memory drive and RAM
- Rack-mounted design, with back-of-cabinet wiring and access
- USB port on front of controller - supports USB memory stick
- Two (2) separate 100-Base T Ethernet links, each with a 2-port hub - connect to IP-enabled intersection devices and the central network through back-of-cabinet wiring, and access both on a laptop or PDA through front-of-network connections, all without unplugging anything

Fusion Technology

- Meets and exceeds NEMA TS-1 1989 and TS-2 2003 Actuated Controller Unit Standards (Paragraph 3.2.1). Also software compatible with CALTRANS 2002 TEES 2070 ATC - 2070 ATC and NEMA technology in one package
- Runs both Linux and OS-9 operating systems - more options for third-party development
- Runs the SafeSuite software package, including NextPhase, SE-PAC, SE-MARC, NTCIP and more - a comprehensive intersection control and monitoring system
- Runs multiple-concurrent transportation software applications - multitasking traffic control

Proven NEMA and ATC Capabilities

- Removable front panel multi-line alpha-numeric backlit display, interchangeable with other EAGLE ATC^{NX} controllers, as well as EAGLE EPAC M50 controllers and EAGLE Low-Power CBD cabinets
- Flash memory is used to retain all timing and control parameters - no replacement of EPROMs necessary
- Injection molded, high impact polycarbonate case makes the EAGLE ATC^{NX} controller much lighter than other ATC and NEMA controllers
- Infrared port for communicating with laptops and PDAs
- ITS Cabinet connectors for SB1 and SB2
- Adapts to 15-pin NEMA TS-2 Port 1
- Optional C1S and C11S connectors for 332 Cabinet

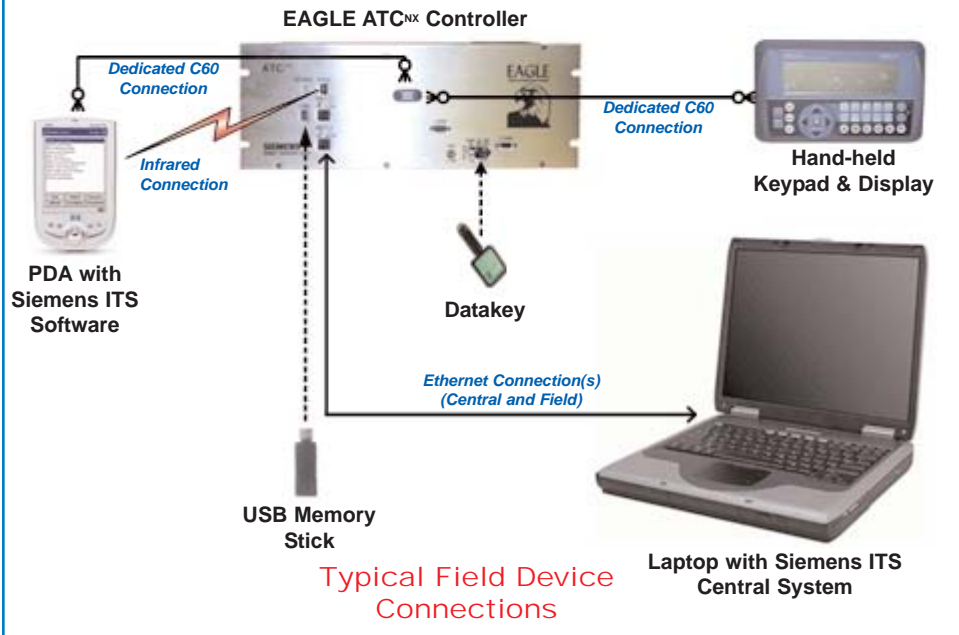
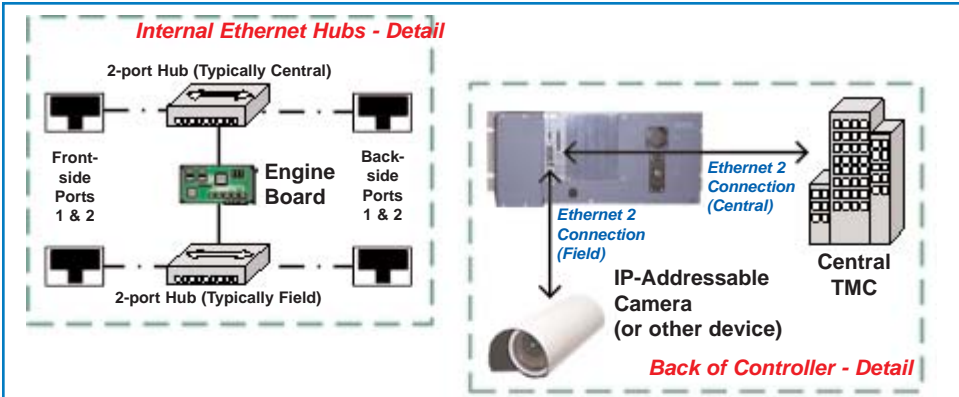


Diagram of the many available options for connecting to the EAGLE ATC^{NX} controller in the field, to view and change data.

For more advanced future features and/or more information on EAGLE products call (512) 837-8310 or call your local dealer (see website for the dealer in your area).

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SPECIFICATIONS

Physical Dimensions

177mm H x 483mm W x 241mm D
7" H x 19" W x 9.5" D

Power Consumption

25 Watts (typical) · 120 Watts (max)
89 to 135 VAC · 57 to 63 Hz

Weight

4 kg (typical)
8 lbs. (typical)

Temperature

-34°C to +74°C
-30° F to +165° F

