

Specifications

Dimensions	48.3 cm wide x 26.7 cm deep x 17.8 cm tall (19" x 10 1/2" x 7")
Weight	9 to 11 pounds (4 to 5kg) depending on which I/O modules and comms hardware are installed
Power Requirements	89 to 135VAC 50Hz/60Hz ± 3 Hz
Environment	-40 °F to + 176°F or -40°C to +80°C 0-95% relative humidity Exceeds NEMA/ATC/CALTRANS TEES 2009
Memory	16MB Flash memory standard, 64MB SDRAM— 1MB SRAM
NTCIP Compliance	The traffic application software is NTCIP software compliant, ensuring easy integration into any NTCIP or ITS traffic control system. The ATC controllers also interface with IQ Central®, Peek Traffic's central control system, which interfaces to both legacy controllers as well as other NTCIP compliant devices.
Firmware Updates	Via USB port or via IQ Link
I/O Module	Supports 2070-2A 2070-2E TS2 Type 1
Applications	Greenwave Voyage

Operating System Linux v2.6.2.0

Computer Interfacing Intersection configuration programming is easily performed in the field, using the provided laptop computer interface software (ATC Link). ATC Link can be connected directly via an Ethernet or a serial cable, or it can be used to store the configuration on a portable USB "flash drive," which can then be downloaded to the device in the field in seconds. Or programming may be downloaded across a network via an NTCIP compliant central system, such as IQ Central or Spinnaker.

Communications:

Connectivity is easily achieved using a variety of communications options:

- Four 10/100 Base-T Ethernet ports
- Two high-speed USB port
- One RS485 Port for SDLC
- Three RS232 Ports for serial communication
- 2070 Modem slot

These physical port options allow for interfacing to a variety of communications infrastructures:

- Existing 1200 baud twisted pair
- High-speed serial (RS232) up to 115kbps
- Fiber-optic modems
- Wireless systems
- LAN/WAN applications

Additional Features:

- Power Monitoring
- Power Supply voltages available through the LCD
- Internal Temperature Sensor



Peek Traffic Corporation
A Signal Group Company
5401 N Sam Houston Pkwy W
Houston, TX 77086
(281) 453-0200
www.peaktraffic.com

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