

Street Link



Street-Link is a valuable tool for the field technician setting up a temporary traffic study. With an intuitive user interface, the handheld Street-Link provides key diagnostics on the operation of Peek traffic data recording equipment. It also offers the ability to download GPS location and time, simply and quickly, with “single pushbutton” ease.

The Peek Street-Link is a productivity enhancement tool compatible with the Peek Sabre and the Pulsar. It connects to either of those traffic data recorders using a standard USB connection. Once connected to a Sabre or Pulsar, and activated, the Street-Link provides an easy to understand “gas gauge” type indication of memory capacity. It also provides a “low battery” LED indicator to indicate that the unit may not have adequate battery charge to complete a study. Further, when the connected data recorder is used in conjunction with road tubes, the Street-link provides a clear indication of proper road tube operation as vehicles travel over them. These functions help the field technician ensure that the equipment is operating properly before they leave a traffic study site.

A very powerful feature of the Street-Link is its internal GPS. When the Street-Link is connected to a Sabre or Pulsar traffic data recorder in the field, the technician is able to load the GPS based location and time into the recorder.



Better still, transfer of location, or time, only requires one button push. This greatly simplifies technician training and reduces time in the field. Entering this data helps ensure that the traffic study is performed at the correct location and improves the value of your traffic data.

When used with the Peek Pulsar and the Pulsar Reporter software, having the GPS location in the traffic study data enables the software to access Google Maps to display an image of the study location. This provides the ability to perform a quick, simple, yet very effective validation of the traffic study setup.

Street-Link is designed for field use. Its rugged design includes a rubberized, removable skin to protect against accidental impacts. The only maintenance required is occasional replacement of the standard alkaline batteries.

The Peek Street-Link provides a quick, easy to learn and use tool to help ensure traffic studies are accurate, complete, and in the proper location, thus maximizing their value.

Specifications

Dimensions	14 3/4" Wide x 10 1/2" Deep x 10 1/4" Tall (375mm x 267mm x 261mm)
Weight	9 to 11 pounds (4 to 5 kg) depending on which I/O modules, D modules, and modem are installed
Power Requirements	89 to 135VAC 50/60Hz ± 3 Hz
Environment	-35°F to + 165°F -37°C to + 74°C (NEMA TS2-2003 specification) 0-95% relative humidity
Memory	16MB Flash memory standard 16MB SDRAM standard 32MB, 64MB SDRAM - optional 1MB SRAM
NTCIP Compliance	Traffic application software is NTCIP software compliant, ensuring easy integration into any NTCIP or ITS traffic control system.
Firmware Updates	Via USB port or via ATC Link Software

Operating System Linux v2.6.2.0

Communications Connectivity is easily achieved using a variety of communications options:

- 5 serial ports; RS 485 support on one port (jumper selectable)
- Two 10/100 Base-T Ethernet ports
- 3000E compatible modem slot
- Optional 2070 compatible modem slot with full modem control support
- High-speed USB port

Intersection configuration programming interfacing is easily performed in the field, using the provided laptop computer interface software (ATC Link). ATC Link can be connected directly via either 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.

Available D Modules

- ATC D Module
- Peek 3000E Closed Loop D Module
- LMD 40 D Module
- Traconex D Module
- Multisonics D Module

Available I/O Modules

- NEMA TS2 Type 1
- NEMA TS2 Type 2
- HMC-1000
- LMD 40



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