



## The Internet of **Your** things

Peak is revolutionary new product that allows you direct site access from anywhere in the world. Peak is the first industrial IoT (Internet of Things) device, designed from the ground up for use in critical systems.

- Real Time Alerts & Alarms via Phone notifications, email, or SMS
- 24/7 Uptime with Cloud Services (Optional)
- Native iOS and Android application
- No on-site server required

Preconfigured and Prewired sensors make installation quick and simple. Choose from a large number of pre-certified options in the TASC Systems sensor library, or connect any standard digital or analog input or output to Peak to build your own solution.

Peak's functionality and flexibility makes it an ideal system solution for a variety of deployments including:

- Critical Communication Radio Network Monitoring
- Essential Infrastructure Management (Utilities, Transportation)
- Remote Industrial Monitoring / Control
- Mobile Asset Management



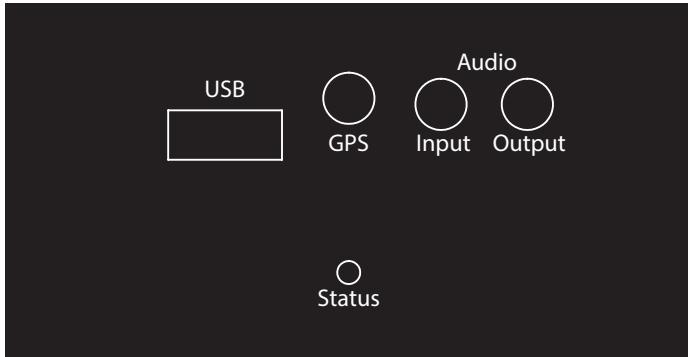
GPS and real time audio streaming, opens the door for expanded monitoring capabilities.

Peak utilizes Crest - TASC Systems' next generation, intelligent operating systems for Remote Terminal Units (RTUs). Crest allows for quick deployment of custom solutions to suit your exact requirements.

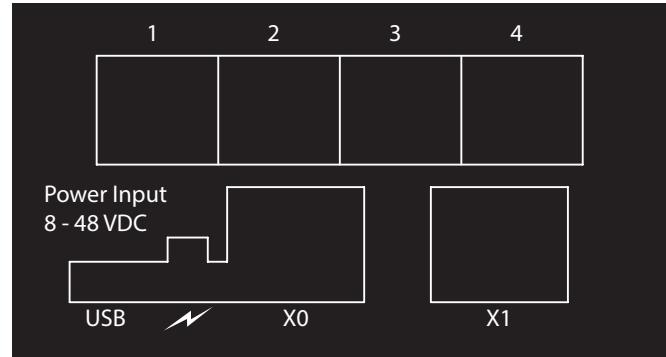
As standard, Peak talks directly to Apex EMS or any other software using standard SNMP messaging. Optionally, Peak can be integrated to services like Azure or Amazon AWS for increased uptime, advanced analytics, and reduced on premise IT requirements.



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Front



Rear

#### Hardware Specifications

| Power                    |  |
|--------------------------|--|
| Range                    | +8 VDC to +48 VDC (+58 VDC Charge Max.)                                  |
| Current Consumption      | 230mA (+12v supply)  |
| Operating Temperature    |  |
| -40 to +65° C            |  |
| Digital Inputs / Outputs |  |
| Inputs                   | Support for contact closure, switches, open collector or voltage inputs  |
| Default / Max. (per RTU) | 1 - 8 Configurable (Input or Output)                                     |
| Input range              | 0 to 60 VDC  |
| Filters                  | Hold time  |
| Outputs                  | Open drain outputs, 350mA per channel                                    |
| Default / Max. (per RTU) | 1 - 8 Configurable (Input or Output)                                     |
| Output range             | Up to 50 VDC   |
| Analog Inputs            |  |
| Inputs                   | Multiple thresholds can be defined                                       |
| Default / Max. (per RTU) | 8  |
| Input range              | 0 to 25 VDC or 4 to 20mA (24-bit resolution)                             |
| Filters                  | Hold time, threshold, software defined qualifiers                        |
| Serial Ports             | 4 Multi Protocol (RS232, RS422, RS485)                                   |
| Ethernet                 | 2 Ports, 10/100/1000 Base-T  |
| Visual Indicators        | Front Panel: Multi-Color LED / Rear Panel: Ethernet status               |
| Enclosure Options        | 19" Rack 1U (1.75 inches) / DIN-Rail Mount / Wall Mount / NEMA Enclosure |

Peak is a "Apex Certified" product and can be used for multi-site monitoring application in conjunction with Apex monitoring software.



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