Peak

The Internet of Your things

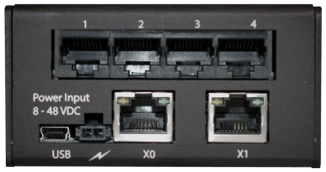
Peak is revolutionary new product that allows you direct site access from anywhere in the world. Peak is the first industrial IoT (Internet of Things) device, designed from the ground up for use in critical systems.

- 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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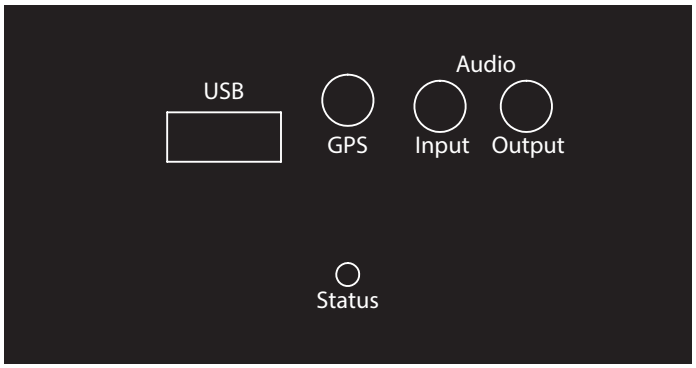
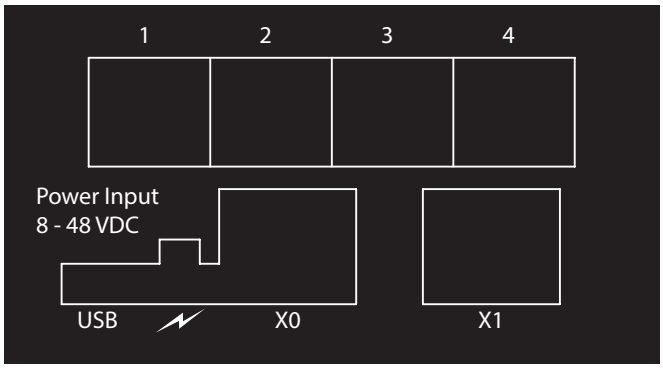


Front



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 Protocl (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.

Certified Apex Mobile Crest