DATASHEET

XBK 1900

4G/5G Global Expeditionary Broadband Kit

Expeditionary Broadband Kits (XBKs) are small, lightweight, single person portable, global mobile broadband communications solutions that offer 4G/5G cellular, 802.11ax Wi-Fi 6, and Ethernet based technologies such as satellite communications terminals. XBKs support small teams of users who need Internet connectivity whenever, and from wherever they work. XBKs offer support for both commercial cellular LTE carriers as well as private LTE networks, and also support AT&T FirstNet, Verizon Frontline and Verizon Response (Pending), and T-Mobile Connecting Hero's public safety access LTE.

The XBK 1900 brings next-generation 5G cellular, 802.11ax Wi-fi 6 wireless gigabit-class networking technology performance to the XBK product family. XBK 1900s can be ordered three different ways, one variant using commercial off the shelf battery/power supply technology that is Airline/TSA safe, and two variants that leverage either the military BB2590 or PRC148/152 twist lock battery technologies. The latter offer substantially longer run times and use traditional military inventory batteries that are readily available through military supply chains. Each of these three variants are packaged within the amazingly small Pelican Vault 200 IP67 rated carry case.

The XBK 1900 is very affordable price in comparison to other offerings in the industry. The XBK 1900 kit uses field-proven AC/DC power UPS logic battery charging technology, paired up with commercially available, military-style 2590 battery and/or PRC 148/152 batteries.

BATTERY

- Choice of COTS, BB2590 or PRC148/152 military batteries
- Can charge and provide power at the same time

POWER

- Wide range AC power input, removable AC power cord
- Wide range DC power input with cigarette lighter cord

ANTENNA & CONNECTORS

- Single, internal antenna and power input connectors so unit can run when closed, yet retain an IP 67 rating while the case is open.

STORAGE

- Internal storage of AC/DC power cords and antennas

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Key Software Capabilities

Cradlepoint NetCloud Service for the IBR900 provides everything needed to unlock the power of LTE and connect vehicles, users, and IoT to critical applications and services. The available NetCloud IoT or Mobile service plans include the appropriate router software with powerful cloud management features for managing IoT at scale, or mobile-specific features like coverage maps, and application aware analytics. Everything within NetCloud works together, making it easy to deploy, connect, and secure edge applications at scale across the organization.

Router Services

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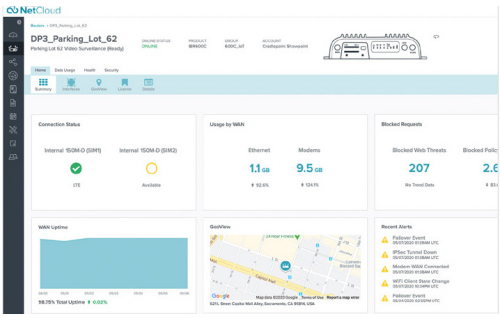
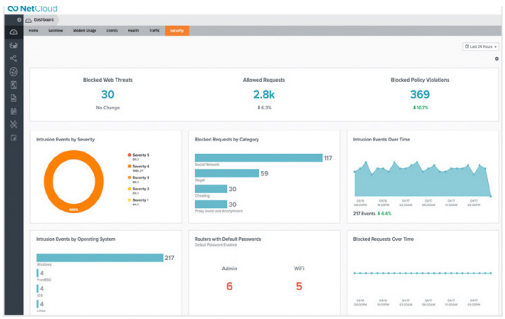


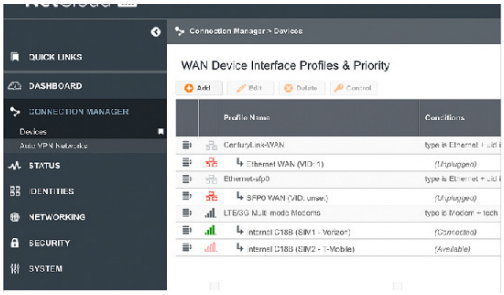


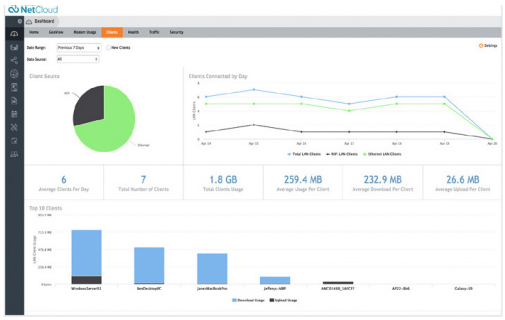
Security Services

NetCloud Service includes security features and options to optimize the IBR900 to meet the evolving security needs of mobile and IoT environments. The service includes stateful zone-based firewall with the ability to add application aware security policies with the Advanced Mobile service plan.

Connection Manager

Connection Manager provides the ability to manage all WAN connection types including wireless, Wi-Fi as WAN, and wired, from a single software-defined policy. Our custom-built modem software ensures users establish Wireless WAN connectivity faster while maintaining the highest level of resiliency.





Cloud Services

NetCloud Manager delivers true zero-touch deployment with the ability to define and deliver policy across entire groups of endpoints. Users can create a cloud-orchestrated hub and spoke VPN network and gain insights and analytics required for rapid troubleshooting and diagnostic workflows. Support operations with real time location services and vehicle information.