



# PacStar 415

## Cradlepoint Sled

The PacStar 415 adapts the Cradlepoint IBR600/900 series of routers into the PacStar 400-Series Smart Chassis-based case solutions

The combination brings the multi-access capabilities of a Cradlepoint router into a fully integrated networking solution with the industry leading modularity of the PacStar 400-Series platform.

The sled provides slide-in integration for the IBR600/900 including:

- Physical adaptation of the router into the PacStar 400-Series chassis
- All device I/O exposed to the front of the sled
- Supports PacStar 400-Series standard interconnect-enabling modules to be snapped together in the field to share power

The PacStar 415 works in conjunction with PacStar 400-Series communications modules, and serves the tactical communications needs of small teams that deploy worldwide and have communication requirement in austere environments. The PacStar 415 enables teams from the military and first responder organizations to easily connect to a variety of wireless communications mediums.

### Key Features

- Secures and provides connections for Cradlepoint IBR600/900 (sold separately)
- Provides cabling of rear-facing connectors to the front of the sled, enabling quick and convenient access for network cabling
- Integrated power connectors provide power from tactical radio batteries, or power input provided by the PacStar 400-Series Smart Chassis
- Continuous runtime with hot-swappable batteries
- Snap-together design enables quick expansion with other PacStar 400-Series products
- Compact design for flexible packing and transport
- Tool-less design allows Cradlepoint to be mounted in the PacStar 415 in the field

## Specifications and standards

### Cradlepoint Features

- Embedded Category 4 LTE modem
- Dual SIM with auto-carrier switching
- Passive GPS
- Wi-Fi: 2x2 MIMO 802.11b/g/n

### Interfaces (IBR600/900)

- 2x SMA cellular antenna ports
- 2x SMA Wi-Fi antenna ports
- 1x GMA GPS/GNSS antenna port
- 2x RJ45 LAN/WAN (speed depends on IBR model)
- 1x USB 2.0 Type A
- Wide-range DC input via PacStar 400-Series standard power interconnect with radio battery compatibility

### Physical Specifications

- Dimensions 5.67" x 7.1" x 1.7"
- Weight 2lb (with Cradlepoint)
- Supports PacStar 400-Series standard interconnect, enabling modules to be snapped together in the field to share power
- Fanless design for quiet operation, higher reliability, and low power draw
- Operational temperature: -20C to 60C



### Power Specifications

- Battery snap-together connectors for up to 2 AN/PRC152/148 snap-on radio batteries; hot-swappable
- 5 to 15 hours runtime per battery, depending on operating configuration
- Wide-range DC input, 10-35V
- Power draw: 4W to 15.25W depending on operating configuration

PacStar products are covered by multiple patents. Additional patent(s) pending.

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