

# **MBK**<sup>®</sup>

## **MOBILE BROADBAND KIT**

# *Elite*

The **MBK Elite XP8** is a fully integrated and intelligently designed Rapid Deployment 4G/LTE networking kit configured with the **Cradlepoint IBR 1700** router and the capability to support and house four ultra-rugged and ultra-smart **Sonim XP8** smartphones

(smartphones not included). These

modems support worldwide, SIM-based, auto-carrier selection and also available CBRS Band 48 and a Band14 FirstNet™ Ready MC400 modem. The **MBK Elite XP8** provides 802.11 wireless and ethernet networking options.

The **MBK Elite XP8** is powered by the 4K Rugged Power Center LifePo4 battery power management system which provides an estimated 4-8 hours of run time. The **MBK Elite XP8** is integrated into a mil-spec case with internal OEM antenna mounting. Five ethernet ports are extended to the exterior of the case. Four Sonim XP8 smartphones (not included) can be stored and powered in cradles embedded into the lid. Includes one year of replacement warranty coverage on all hardware.

The **MBK Elite XP8**, a 4G/LTE solution that contains the Cradlepoint IBR1700, supports the storage and recharging of four Sonim XP8 smartphones and an integrated LifePo4 battery.

**Number of Devices /Users:** 50-85 users /devices.

**Battery Technology:** The battery is a 12.8 volt 8 AH (100 Watt hour) LiFePO4 bank.

**MBK Dimensions:** 20.4" x 11.2"x 7.2" **Weight:** 33.4 lbs.

**Run Time** (estimated): 4-8 hours

**Charging:** The **MBK Elite XP8** contains the internal three stage charge controller will accept 14-18 vdc and up to a 60 watt solar panel. The included wall charger will charge the system in approximately 90 minutes. The internal Battery Protection Circuit prevents overcharge, over-discharge, and short circuits. The volt meter continuously displays the system voltage, and reacts to confirm solar or AC charging. The USB driver is independent, switched, and is 3 amps.





The Mobile Broadband Kit (MBK Elite XP8) is ideal for true “grab and go” portability.



## Cradlepoint

The Cradlepoint COR IBR1700 Series is a World’s first LTE mobile router with three-carrier aggregation for best-in-class performance + Embedded LTE Advanced 600 Mbps modem +Field-upgradable with 2nd modem (second wireless carrier),



- Emergency Management
- Drop Kits
- First Responders
- Internet Service Restoral
- Medical “Crash Kits”
- Military Operations

## Sonim XP8

*Globally deployable on all major carriers and FirstNet®*

*Satellite backhaul compatible*

- BGAN
- Certus
- VSAT

**Built to meet Rugged Performance Standards (RPS)**

- Extra-Loud Audio
- Dual-Shift Battery Life
- Glove Friendly
- Pressure Resistant
- Puncture Resistant
- Shock Resistant
- Chemical Resistant
- Drop/Impact Resistant
- Operational in Extreme Temperatures
- Water-proof IP68
- Dust-proof IP6X

**Powered by SonimWare applications**

**Sonim CLOUD**  
Setup and support when and where you need it  
A comprehensive, cloud-based toolbox with setup, utility, and support solutions that allow admins to update and manage devices easily.

**Sonim SCOUT**  
Simplified device management  
From fast deployment to device control and troubleshooting, SCOUT makes managing and customizing your team’s devices a breeze.

**Sonim SCAN**  
Swift and seamless scanning  
The XP8 provides powerful, on-device barcode scanning capability that lets you capture large amounts of data quickly and confidently.

**Coming Soon**  
**Sonim S.O.S.**  
Increased worker safety  
A powerful app connected to an easy-to-use alarm key that offers a variety of free safety features for workers in the field.



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