

MBK[®]

MOBILE BROADBAND KIT



The MBK-1900 FRC “RangerNet™” series is an intelligently designed portable 5G networking system powered by a mil-spec battery, configured with the Cradlepoint R1900 router and is designed as a **Field Replaceable Components (FRC)** kit.

The MBK-1900 FRC “RangerNet™” provides a Cat6 802.11 wireless and gigabyte ethernet networking options.

The MBK-1900 FRC “RangerNet™” has a custom lid organizer and is integrated into a mil-spec case with antenna connectors and ethernet ports extended to the exterior or rear of the case. The Cradlepoint, battery and battery charging system are easily removed.



The MBK-1900 FRC “RangerNet™” is designed to utilize external antenna systems.

Includes one year of replacement limited warranty coverage on all hardware.

Typical Client Count: 100

Battery Technology: The MBK “RangerNet™” can run off of a BB 2590 rechargeable Lithium Ion or a BA 5590 Lithium/Sulfur Dioxide non-rechargeable battery. **battery not included*

MBK Dimensions: 14.7” x 10.2” x 6.1” **Weight:** 19 lbs.

Run Time (estimated): 14-18 hours

Input Charging Voltage: 110/200 vac to 10.5-36VDC

Output Voltage: 12VDC (unregulated)

Input connector: SAE 2 Pin

Input power charges battery and simultaneously power load
Automatically switches over to battery power once external power is removed

Switch time: 3 milliseconds from input power to battery power

State of Charge indicator (while charging)

Battery Fuel indicator (when on battery power)

On/Off switch to power down circuit during storage



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5G

cradlepoint

5G Embedded High-Performance Solution



The **R1900** mobile router includes an embedded 5G modem that can automatically switch to Cat 20 LTE if the vehicle moves outside of 5G coverage. In addition, the R1900 is designed to accept the RX30 managed accessories which provide either four additional PoE ports or four additional GbE ports and a second modular modem. It also has the ability to act as a controller for a separate Cradlepoint 5G



RangerNet

The **Mobile Broadband Kit (MBK-1900 RangerNet™)** is your first choice for tactical 5G!

MBK-1900 FRC's are designed for locations with low signal strength that require outdoor cellular antennas solutions.

4K Solutions® Outdoor Deployable Antenna Solutions



Battery Power:

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