The MCS-CRADLEPOINT Specifications & Description

Product Specifications

Model Name: ....CTR500 3G/4G Mobile
Broadband Router
WiFi Standards: ....IEEE 802.11 b/g
Connections/Ports: ....Switchable LAN/WAN Ethernet
(10/100), One USB Modem, One
ExpressCard
Buttons/Switches: ....Wireless On/Off Switch, Reset,
Signal Strength
Led Indicators: ....Power, USB Modem Activity,
ExpressCard Modem Activity,
WLAN, Ethernet WAN, Signal
Strength LEDs
Power: ....5V DC, 2.5-3.0A; 100-240V AC
Dimensions: ....4.8-in x 2.9-in x 0.75-in (122mm x
73mm x 18.5mm)
Weight: ....3.5 oz. (128g)
Operating Temperature: .....0°C to 50°C (32°F to 120°F)
Operating Humidity: ....10% - 85%
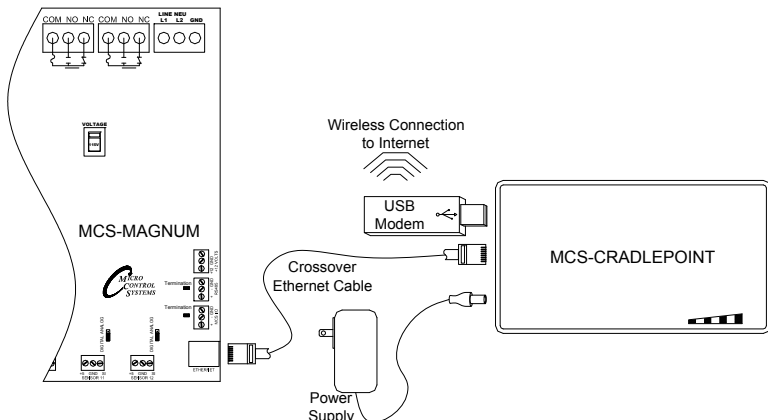Warranty: ....1-Year Limited

Minimum Requirements

- Mobile Broadband Data Card with Active Subscription (USB or ExpressCard), or Supported Phone with Active Tethered Data Plan Suggested
- Mobile signal at job site.

Product Description

The MCS-CRADLEPOINT is a powerful tool that is especially useful in locations where there is no readily available internet connection. When combined with a wireless USB Modem with a data plan from a Cellular Service Provider, the Cradlepoint may be used to wirelessly connect to the internet wherever a cellular signal is found. NOTE: MCS supplies only the Cradlepoint itself, the end user must provide the wireless broadband card. A crossover Ethernet cable is used to link the Cradlepoint to the Magnum board.

Cradlepoint Wiring

Supported Wireless Broadband Cards*

AT&T

USB   Option iCON 322, iCON 461
Sierra Wireless AirCard USB 305, 875U, AirCard 881U, Compass 885U

ExpressCard
Option GT Max 3.6 Express, GlobeTrotter Express HSUPA
Sierra Wireless 504 (Aircard 890)

Sprint

USB   Franklin U300, U301, U600, CDU-550, CDU-680
Novatel Ovation MC720, MC727, MC760, MiFi 2200
Sierra Wireless AirCard 595U, Compass 597U, AirCard USB 598, Aircard 250U
ZTE TU25 (Formerly XOHM)

ExpressCard
Novatel Merlin CC760 (Sprint C777)
Sierra Wireless AirCard 402 , AirCard 597E

T-Mobile

USB   Huawei E1691, E181, E1831

ExpressCard
Option GlobeTrotter Express 442 (GE442)

Verizon

USB   Huawei EC168
Novatel Ovation MC720, MC727, MC760, MiFi 2200
Pantech UM150, UM175, UMW190VZ, UMW190NCD
Sierra Wireless AirCard 595U

ExpressCard
Kyocera KPC680
Novatel Merlin CC760, X720

This is not a comprehensive list of all supported Wireless cards