



## The MCS-CRADLEPOINT Specifications & Description

### 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



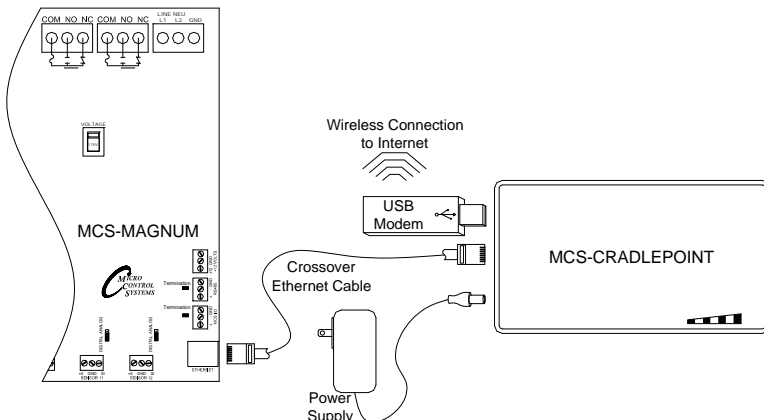
### Minimum Requirements

- 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