



COR IBR900 Series

Ruggedized LTE Router for In-Vehicle

The Cradlepoint COR IBR900 Series router offers a ruggedized 3G/4G/LTE networking platform designed to provide connectivity across a wide range of in-vehicle and mobile applications, including police and first responders, service and delivery vans, taxi and limo fleets, and more.

With an embedded 600 Mbps modem for LTE Advanced, optional second modem, and Wave 2 dual-band, dual concurrent Gigabit WiFi, the IBR900 Series routers provide reliable 24x7 connectivity for both employees and devices, both inside and outside the vehicle.

Secure connectivity is provided by the zone-based object firewall native in NetCloud OS, and by optional CP Secure Threat Management for IPS/IDS. In addition, NetCloud Perimeter can provide a perimeter-secured overlay network for securely connecting in-vehicle IoT devices.

Cradlepoint COR IBR900 Series routers are sold in NetCloud Solution Packages for mobile networking applications.

NetCloud Solution Packages include:

- + Award-winning remote cloud management & network intelligence with **NetCloud Manager**
- + Secure IoT networking with **NetCloud Perimeter** for perimeter-secured overlay networks
- + **24x7 Support & limited lifetime warranty**



Applications:

- Police
- First Responders (Fire/Ambulance)
- Taxi
- Service Van

IN-VEHICLE NETWORKING

- + For business-critical in-vehicle applications that require 24x7 connectivity
- + Supports SIM-based Auto-Carrier Selection
- + Ruggedized for vibration, shock, dust, splash & humidity
- + High network availability & FirstNet-ready with 2nd modem in optional Extensibility Dock
- + Wave 2 dual-band, dual concurrent Gigabit WiFi for passenger & device connectivity
- + Active GPS & easy integration into AVL systems (Automatic Vehicle Location)
- + Ignition sensing & built-in transient & reverse polarity voltage protection

EXTENSIBILITY

- + COR Extensibility Dock for increased availability & bandwidth
- + Supports NetCloud OS SDK for computing
- + Supports NetCloud Manager API to utilize router data in third party applications & network management tools

Benefits

INCREASE NETWORK AVAILABILITY

- + Multi-carrier 4G LTE support with dual-SIM capability
- + Supports Ethernet (T1, DSL, Cable, MetroE), WiFi-as-WAN & Metro WiFi
- + Dual-modem capability for failover or load balancing
- + Ruggedized to ensure always-on connectivity
- + Monitor uptime with real-time alerts

DEPLOY & SCALE QUICKLY

- + Increase speed to deployment with "zero-touch" configuration
- + Configure, manage & troubleshoot remotely with NetCloud Manager

SECURE & PROTECT

- + Advanced security, VPN & stateful firewall to protect sensitive data
- + Designed for PCI Compliant network architectures
- + Cloud-managed security & content filtering (CIPA compliant)
- + FIPS 140-2 Inside versions available

EXTEND & CUSTOMIZE

- + COR Extensibility Dock: Add a second modem for highest availability
- + Router SDK: Support unique applications with custom scripts running on the router
- + NetCloud Manager API: Utilize router data while maintaining single-pane-of-glass network management

| QUICK SPECS | |
|-----------------------------------|--------------------------------------------------------------------|
| Supports LTE Advanced | Yes (600 Mbps) |
| SIM-Based Auto-Carrier Selection* | Yes† |
| Ports (LAN / WAN) | 2 / 2 (GigE), +2 with Extensibility Dock (10/100) |
| Enterprise-Grade Modem | Certified Embedded 4G LTE |
| Wireless Broadband Technology | LTE / HSPA+ or LTE / EVDO / HSPA+ |
| WiFi | Dual-band, dual-concurrent Gigabit WiFi (802.11 a/b/g/n/ac) Wave 2 |
| GPS | Active GPS with TAIP, NMEA. AVL integration with NCM. |
| SIM Slots | 2 (4 with Extensibility Dock) |
| Housing | Ruggedized |
| Operating Temperature | -22°F to +158°F (-30°C to 70°C)** |
| Supports Dual Modems | With Extensibility Dock |
| GPIOs | 2 + 4 with 9 Wire GPIO Cable |
| Ignition Sensing / Sleep Mode | Yes |
| FirstNet Certified | Yes |
| FIPS 140-2 Inside | With FIPS 140-2 Inside SKUs |

*LPE versions support software defined radio.

**Extended temp wall adapter required to support full range.

†Supports all major carrier/operators in N.America, Europe and Australia/New Zealand.

Solution Packages with the COR IBR900 Series

| Solution Package | Part Numbers |
|---------------------------------------------------------|------------------|
| North America | |
| NetCloud Essentials for Mobile Routers (U.S. & Canada) | MAX-0900600M-NNA |
| NetCloud Essentials for Mobile Routers (U.S.) | MAX-0900LPE-VNA |
| Europe (EU) | |
| NetCloud Essentials for Mobile Routers (EU) | MAX-0900600M-EWA |
| Asia-Pacific (Australia, New Zealand, Singapore) | |
| NetCloud Essentials for Mobile Routers (AP) | MAX-0900600M-PWA |
| All Regions | |
| NetCloud Advanced for Mobile Routers (Enterprise) | MAX-NCADV |

x = 1, 3, or 5 years

Comprehensive 24x7 Support & Limited Lifetime Warranty

24x7 support is included in all NetCloud Solution Packages (phone support: 24 hour weekdays with emergency response on weekends; web: 24x7, chat: 24x5). IT professionals have access to networking experts who can expedite issue resolution and help maximize operational efficiency. When your applications are mission-critical, you're covered by Cradlepoint Global Support and limited lifetime hardware warranty.

For more information, visit cradlepoint.com/support-services.

FOR MORE INFORMATION, VISIT CRADLEPOINT.COM/IBR900 OR CONTACT SALES TO REQUEST A FIELD TEST.