

Cradlepoint W4005 Series

5G Wideband Branch Adapter for the highest capacity spectrum layer (mmWave)



**Passthrough
Throughput: 2.3 Gbps**



**Dual Connectivity:
5G Low, Mid & High-
Band & Cat 20 LTE**



**LAN Connectivity:
2.5 GbE**



**Management:
NetCloud**

Designed for fixed locations that require the high-capacity performance of mmWave, the Cradlepoint W4005 Wideband Adapter helps usher in the next generation of Wireless WAN networking. The W4005 Series adapters can be paired with a Cradlepoint router in "captive modem mode" to provide virtual single-endpoint deployment, monitoring, and control. Or, the adapters can connect to a third-party router via an Ethernet connection.

The Cradlepoint W4005 5G Wireless Adapter is designed to be placed outdoors for optimal signal acquisition. With an IP67 rating, the hardened metal casing of the W4005 is designed to withstand extreme temperatures, water, and high winds.

Key Features:

- 5G tools and value confirmation built into the NetCloud Platform
- Mobile wizard-based installation application for optimal set up and signal acquisition
- Dual Connectivity: Simultaneous 5G and LTE network connections
- "Captive modem mode" for singular router/adapter control and management
- Deep wireless analytics assisted by machine learning
- Carrier-class connectivity with multiple levels of test and recovery
- Adaptive to any networking and SD-WAN environment
- Zero-touch deployment and day-1 broadband without on-site IT staff
- Advanced Remote Management suite

Hardware Specs

Category	Branch
Cloud Management	NetCloud
5G Status	Dual Connectivity, 5G Low, Mid & High-Band & Cat 20 LTE
Form Factor	Metal
Ethernet Ports	2 x 2.5 GbE (LAN/WAN switchable)
USB Ports	0
Serial Ports	0
Dual-Modem Support	No
Cellular Standards	PTCRB (U.S.), GCF (global)
Required Carrier Certifications	Verizon
Regions	Worldwide
Public Safety Networks	No
Wi-Fi	802.11ax Wi-Fi 6 (installation only)
GNSS/GPS	Passive
PoE	802.3bt
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)

NetCloud for Branch Adapter

NetCloud Service for 5G/LTE Branch Adapter helps organizations stay connected for vital operations over a cellular network with rapid failover when needed and includes:

- Centralized endpoint management with insights and visual analytics
- 24x7 enterprise support and limited lifetime warranty
- On-demand training with Cradlepoint University

Secure Remote Management & Orchestration	●
Adapter Operating Modes (IP Passthrough, IP Passthrough with Inline Failover, NAT, Captive Modem)	●
Traffic Steering & QoS	●
Diagnostics & Troubleshooting	●
Insights, Alerts & Dashboard Analytics	●
Extensibility (SDK, API, third-party integrations)	●
In-Band Remote Management	●
Real-Time Troubleshooting Tools	●
Cellular Health & Modem Data-Usage Dashboards	●
Customized Failover Report	●

● Included ● Advanced

Learn more at cradlepoint.com/w4005-series