

MultiConnect[®] CBRS Wi-Fi AP

Wi-Fi Access Point for
CBRS Cellular Networks



MultiConnect[®] CBRS Wi-Fi AP, a Wi-Fi Access Point

enabling one-to-many connectivity to families with more than one child and to multi-dwelling buildings using Chromebooks, notebooks, desktops and smart devices over a CBRS cellular OnGo network.

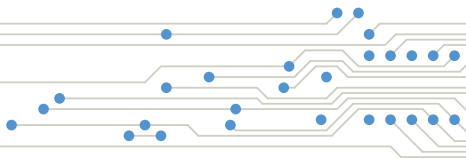
The MultiConnect CBRS Wi-Fi access point for use on CBRS cellular networks operated by school districts, educational facilities, smart cities, hospitality providers and their managed service partners provides secure, reliable, high-performance LTE-based Wi-Fi broadband coverage to students in their homes and in public places. This newest addition to the award-winning MultiTech portfolio of FCC-authorized CBRS solutions can be remotely provisioned and managed at scale using an auto configuration server (ACS) or DeviceHQ[®], a tool set featuring secure configuration, over-the-air updates, operational performance metrics and CBRS connection management.

BENEFITS

- Simple, flexible installation options
- Easy set up
- Scalable commissioning and configuration
- Remote device management
- Secure, unique wireless credentials
- No Spectrum Access System (SAS) fees required

FEATURES

- LTE Cat 12, TDD bands 42, 43 & 48 with external antennas
- Two-year warranty, upgradable to five years



Services & Warranty

MultiTech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations.

Technical Support Services

At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit www.multitech.com/support.go



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SPECIFICATIONS

Model	MTCAPW-L12G2
Performance	LTE Cat 12 (3GPP rel 11) 23dBm EIRP +1dBm, linearity within 1dBm across CBRS bands
Frequency Band	4G CBRS: 3500(B42)/3700(B43)/3500(B48) for CBRS/private LTE
Packet Data*	Wi-Fi/Ethernet broadband data speeds up to 100 Mbps
Diversity /MIMO	Rx & Tx diversity and 2x2 MIMO
Voltage	12V DC
Cellular	2 x SMA detachable LTE antennas
Wi-Fi	2.4 GHz 802.11bgn Wi-Fi 2x2 MIMO internal antennas Access point for up to 16 clients WEP, WPA, WPA2, WPA-PSK & WPA2-PSK security WPS Button Device-unique SSID and password
SIM	3FF Micro SIM; 1.8 and 3V
LAN	10/100 Mbps RJ-45 Cat 5 connector / Configurable static IP address
Status Indicators	Power, SIM, Cellular internet, Cellular signal strength, Wi-Fi and Ethernet LEDs
Device Management Client	DeviceHQ & TR-069 client
Power	2.5 mm female barrel connector, 12VDC, Reset Button
Physical Dimensions (L x W x H)	165 (6.5) x 135 (5.3) x 36 (1.4) mm (in)
Physical Weight	1.4 (3) kg (lb)
Chassis Type	Polycarbonate-ABS
Environmental	
Operating Temperature	-10° C to +50° C
Storage Temperature	-40° C to +85° C
Relative Humidity	10% to 95% non-condensing
Certifications & Approvals	
Regulatory	OnGo FCC Part 96 CBRS FCC Part 15 FCC Class B FCC 2.1091 (MPE) FCC Part 15C (DTS-WIFI)
Warranty	2-Years / www.multitech.com/legal/warranty

* Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.

ORDERING INFORMATION

MultiConnect® CBRS Wi-Fi AP

Model	Description	Region
MTCAPW-L12G2-A600VA-CUA	CBRS Wi-Fi AP Access Point with Ethernet and Wi-Fi, includes Accessory Kit	USA
DeviceHQ-EDU	SaaS device management software tool for commissioning, configuration and management	USA

Accessory Kit includes stand for device, power supply with US plug, two cellular LTE antennas, and one Ethernet cable. Go to www.multitech.com for detailed product model numbers.

Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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