



Managed WiFi Access Points

Engage with guests and empower employees with secure, reliable, fully-managed WiFi.

MR18, MR32, and MR34 Wireless Access Points

The MR18, MR32, and MR34 Access Points provided with Fusion Connect Managed WiFi are enterprise-grade cloud-managed WLAN access points designed for challenging business environments. The MR access points use advanced 802.11ac and 802.11n technologies including MIMO, beam forming, and channel bonding to deliver throughput and reliable coverage. Supporting more than 100 users each, MR Access Points come equipped with industry-leading features that make them ideal for demanding deployments:

- Cloud management architecture provides network-wide visibility and insights, across distributed locations, while eliminating the cost and complexity of traditional on-site wireless controller
- Integrated guest access with customizable “Welcome” page
- High-performance Radio Frequency design automatically optimizes WiFi performance of individual APs and maximizes system-wide performance
- Automatic, no-touch firmware upgrades delivered over the Web
- Integrated Bluetooth low energy (BLE) radio provides site-wide Beacon and BLE scanning functionality, ideal for enabling location-based services such as mobile payment, couponing, and indoor navigation

Dashboard for Greater Customer Insight and Engagement

A dashboard provides summary reports on users, applications, and devices accessing your Wireless LAN. You can use these reports to understand foot traffic and visitor behavior across sites, optimize business hours and staffing, target offers over mobile, and more. Cloud management architecture provides network-wide visibility and insights, across distributed locations, while eliminating the cost and complexity of traditional on-site wireless controllers.



Enterprise-grade Security and a Dedicated Radio

The MR series comes equipped with complete out-of-the-box enterprise-class security that segments wireless users, applications, and devices, secures your network from attacks, and enforces the right policies for each class of users. MR access points support both a private wireless LAN for employees and a WiFi hotspot for guests and customers. All MR access points include a dedicated radio for security (WIDS/WIPS) and RF optimization with integrated spectrum analysis.

Access Point Comparison



	MR18	MR32	MR34
Usage	Performance-oriented WLAN Enterprise, Campus, Healthcare	General Purpose 802.11 ac WLAN Highest-Density Campus, Enterprise, Retail	Highest Performance & Capacity (802.11 ac) WLAN Highest-Density Campus, Enterprise
Radio Specification	1 x 802.11 b/g/n/ radio 1 x 802.11 a/n/radio 1 x dual-band radio for WIDS/WIPS and RF management 600 Mbps max rate 2x2 MIMO with 2 streams, beamforming	1 x 802.11 b/g/n/ radio 1 x 802.11 a/n/ac radio 1 x dual-band radio for WIDS/WIPS and RF management 1 x Bluetooth Low Energy radio 1.2 Gbps max rate 2x2 MIMO with 2 streams, beamforming	1 x 802.11 b/g/n/ radio 1 x 802.11 a/n/ac radio 1 x dual-band radio for WIDS/WIPS and RF management 1.75 Gbps max rate 3x3 MIMO with 3 streams, beamforming
Power	802.3af PoE DC power adaptor	802.3af PoE DC power adaptor	802.3af PoE (low-power mode), 802.3at PoE+ DC power adaptor
Performance Features	2-stream, 2x2 MIMO Third radio dedicated to security Priority Voice Power Save (802.11e/WMM) Enterprise-grade CPU Hardware-accelerated encryption High-density support Band Steering	2-stream, 2x2 MIMO Third radio dedicated to security Priority Voice Power Save (802.11e/WMM) Enterprise-grade CPU Hardware-accelerated encryption High-density support Band Steering Bluetooth low energy radio for Beacon and BLE scanning	3-stream, 3x3 MIMO Third radio dedicated to security Priority Voice Power Save (802.11e/WMM) Enterprise-grade CPU Hardware-accelerated encryption High-density support Band Steering

All MR Access Points available with Fusion Connect Managed WiFi offer a 1 x Gigabit Ethernet port, low-profile industrial design, and high-performance multi-radio mesh networking.



THE FUSION CONNECT ADVANTAGE

ENABLING THE CONNECTED ENTERPRISE

Optimize your business communications, costs, and continued collaboration from any place or device, with crystal-clear quality. Securely connect your business locations and remote workers.

LEADING-EDGE TECHNOLOGY

Fusion Connect's optimized platforms leverage leading technologies, meaning seamless integration of solutions across your virtual and fixed technology platforms.

DEDICATED SUPPORT TEAM

Our 100% U.S.-based expert tech support is available 24/7 to keep your business online and available regardless of the situation.

Visit www.fusionconnect.com to learn more.

Or, contact a Fusion Connect Business Consultant today at **888-301-1721**.

