



WF-185 High performance dual-band 802.11ac Wireless AP

Product Overview

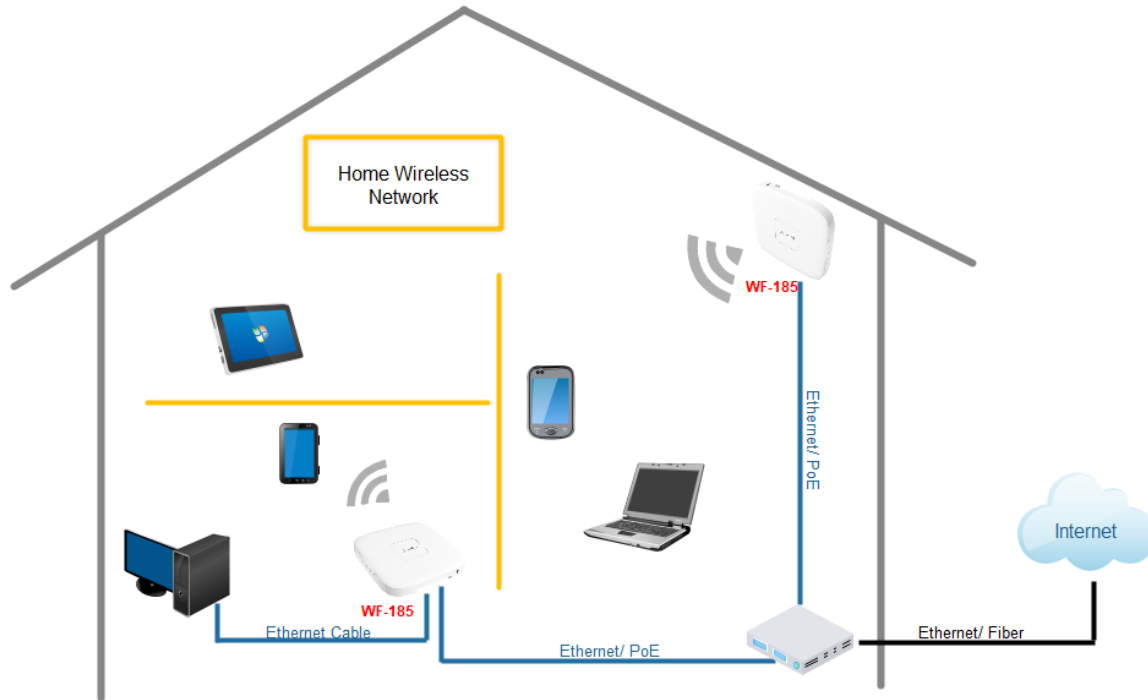
WF-185 is a dual-band 2x2 MIMO 802.11ac indoor Wi-Fi AP, which is designed for high-density deployments in large offices, schools, hospitals and hotels that require premium performance. WF-185 supports 802.11ac 2.4G/5G Wi-Fi access and can provide up to 1167Mbps aggregated data rates. It helps you to establish the high speed and stable wireless network. You can access to internet with the phone, pad or laptop in any place. The enhanced transmission power and receive sensitivity make it deliver the high throughput and reliable coverage required. WF-185 has perfect compatibility. It works with most wireless terminals to build a high capacity Wi-Fi network.

WF-185 integrates the OpenWrt development platform. This is easy for the user to develop the applications according to their customization requirement. If the users want to develop their own wireless AP very conveniently and quickly, WF-185 is a very good choice.

WF-185 supports PoE power supply and is very easy to install. Just connect the Ethernet cables to the PoE WAN and power on, and place them to appropriate place, wall or ceiling mounting. You can complete all of these in few minutes.

Key Features

- Desktop/wall or ceiling installation
- Chipset: QCA9531(SoC)+QCA9886(5G 802.11ac)
- 16MB SPI Nor Flash
- 128MB DDR2 Ram
- 2.4G 2x2 Wi-Fi (802.11b/g/n)
- 5G 2x2 Wi-Fi(802.11a/n/ac)
- 2.4G TX power: 23dBm@MCS0, 21dBm@MCS7
- 5G TX power:23dBm@MCS0, 18dBm@MCS9(VHT20/40/80)
- 2 x Integrated dual-band antennas
- 1 x FE WAN (Blue RJ45)with 802.3 af PoE (PD) / non-isolated PoE
- 1 x FE LAN (Black RJ45 with no PoE)
- 1 x Reset button
- 1 x Kensington Lock
- 4x LEDs for visual indicators (5G, 2.4G, WAN, PWR)



Specifications

WF-802MW		
Size	Dimensions	L (158mm) x W (158mm) x H (24.5mm)
	Weight	300g
Reliability	MTBF	> 300,000 Hours Telcordia SR-332, Reliability Prediction Procedures for Electronic Equipment, Issue 3, Method 1, Case 3, GB/GC (Ground Benign, Controlled) environment, 25°C ambient temperature. Steady state, not including software failure.
	AFR	AFR (Annualized Failure Rate) < 1.5% (in continuous operation)
Safety	Safety	<ul style="list-style-type: none"> ✧ CB with IEC/EN 60950-1 (Basic safety certificate for worldwide marketing) ✧ GB8254 – 2008(Class B of Product), EN55022, CISPR 22:2006, EN55924, CISPR 24:2010 ✧ Wi-Fi 2.4G & 5G circuit should be protected by shielding case ✧ CCC (If required by the customer) ✧ SRRC(If required by the customer)
	DC input	37V ~ 57V, 802.3 af PSE
Environment	Temperature & humidity	<ul style="list-style-type: none"> ✧ Operating: -5°C ~ +45°C & 5% to 95% non-condensing humidity & 86kPa ~ 106kPa altitude ✧ Storage: -20°C ~ +75°C
	Dustproof & waterproof	IP20

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