WF-710G

OpenSync™ Wi-Fi 7 Desktop Access Point

Overview

The Actiontec WF-710G is a tri-band Wi-Fi 7 desktop access point built to help service providers deliver faster, more reliable connected experiences across homes and small businesses. Designed on the IEEE 802.11be standard, the WF-710G delivers up to 10 Gbps aggregate wireless throughput across the 2.4 GHz, 5 GHz, and 6 GHz bands. Advanced MIMO and MLO capabilities help increase capacity, reduce congestion, and improve performance across today's growing number of connected devices.

With support for advanced Wi-Fi 7 capabilities, the WF-710G helps reduce congestion, improve device performance, and support the growing demands of the modern connected home. Its tri-band design gives operators a scalable, cost-effective option for delivering next-generation service experiences without adding unnecessary deployment complexity.

The WF-710G also goes beyond the device. Powered by OpenSync™, it integrates with Plume HomePass and WorkPass to support a cloud-managed, self-configuring, and self-optimizing mesh network. Operators gain streamlined device onboarding, remote visibility, configuration tools, and ongoing network management, while multiple WF-710G units can be deployed together to extend reliable coverage across the entire home or office.

Key Features

- **Desktop form factor** — compact, low-profile, easy to place anywhere
- **Up to ~10 Gbps** aggregate throughput across three Wi-Fi bands
- **WPA2/WPA3 PSK** security for robust wireless protection
- BLE 5.1 for seamless device onboarding
- **1 × 10 GbE WAN**/LAN port + 1 × **2.5 GbE LAN** port
- **OpenSync™** certified — interoperates with Plume Wi-Fi 7 ecosystem
- **Plume HomePass/Uprise/WorkPass**: self-managing mesh networking
- **Cloud-based management** via Plume mobile app
- **Multi-color LED** status indicator
- **2.4 GHz**: 802.11b/g/n/ac/ax/be, **2×2**, 20/40 MHz
- **5 GHz**: 802.11a/n/ac/ax/be, **4×4**, 20/40/80/160 MHz
- **6 GHz**: 802.11ax/be, **4×4**, 20/40/80/160/320 MHz

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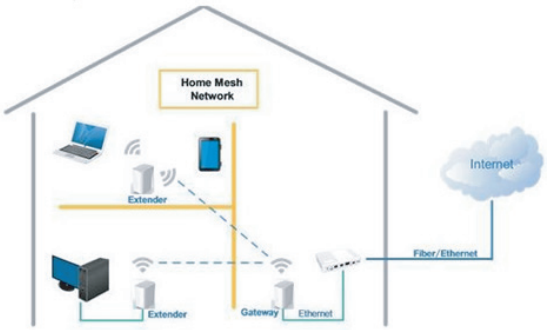
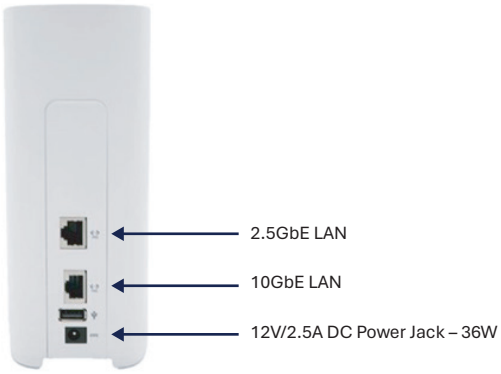
Configuration Scenario



Three WF-710G units can form a Wi-Fi mesh network, with one as the Gateway and others as Extenders.

Back Panel Connections



Features

CATEGORY	FEATURES
Network	**Bridge Mode:** DHCP Client; Backhaul via 2.4G/5G/6G Wi-Fi or Ethernet
	Router Mode: IPv4/IPv6, NAT, WAN/LAN DHCP, DNS Server, DHCP Reservation, UPnP, Port Forwarding, Ethernet Backhaul
	Multicast: IGMP Snooping/Proxy
Wi-Fi	**Bands: 2.4G:** 20/40 MHz 5G: 20/40/80/160 MHz 6G: 20/40/80/160/320 MHz **Standards:** 802.11 k/v/r (fast roaming), Band Steering, Channel Scan, DFS **Security:** WPA2/WPA3 PSK **QoS:** SSID Broadcast, uAPSD
Mobile App	**Management:** Device Discovery, Add/Remove Devices, Configure SSID & Password
	Maintenance: Auto Firmware Upgrade, Antivirus
LED Status	**Solid Green:** Power On **Blue Blink:** Connecting to Cloud **LED Off:** Connected to Cloud (normal operation) **Blue Double Blink:** Network Optimization or Device Locating

Hardware Specifications

ITEM	SPECIFICATION
Dimensions	190 × 138 × 80 mm
Weight	650 g | Desktop form factor
Ethernet	1× 10GbE WAN/LAN + 1× 2.5GbE LAN
Power	12V/2.5A DC | Avg 36W
Memory	256MB NAND Flash | 1GB DDR4 RAM
Bluetooth	BLE 5.1
Operating Temp	-5°C to +40°C
Storage Temp	-40°C to +70°C
Humidity	5% – 95% (non-condensing)
IP Rating	IP30 (Dustproof)
MTBF	>300,000 hours (Telcordia SR-332)
AFR	<1.5% in continuous operation
Regulatory	FCC, ETL, CE
Environmental	RoHS 2011/65/EU (No Pb)

Model Information

MODEL #	DESCRIPTION	SOFTWARE
WF-710G	10G WAN, 2.5G LAN Ethernet. Wi-Fi Tri-Band: 2.4G-2x2, 5G-4x4, 6G-4x4	OpenSync
WF-710G2	10G WAN, 10G LAN Ethernet. Wi-Fi Tri-Band: 2.4G-2x2, 5G-4x4, 6G-4x4	OpenSync

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DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2. 1077(a)

The following equipment:
Product Name: Wi-Fi 7 DeskPod AP
Trade Name: Actiontec
Model Number: WF-710G
It's herewith confirmed to comply with the requirements of FCC Part 15 Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Measurements were performed at MRT Technology (Suzhou) Co., Ltd located in D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China . MRT Technology (Suzhou) Co., Ltd facility is an FCC registered (Reg. No. CN1166) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film. (Report No.: R25S1037020-U101)
It is understood that each unit marketed is identical to the device as tested, and any changes to the device that could adversely affect the emission characteristics will require retest.
The following importer / manufacturer is responsible for this declaration:
Company Name: Actiontec Electronics Inc.
Company Address: 2445 Augustine Drive Suite 501, Santa Clara, California 95054, United States

Person is responsible for marking this declaration:

Liu Zhe	Product Manager
Name (Full name)	Position / Title:
Jun 30, 2026	Zhe Liu
Date	Legal Signature: