

D222AH

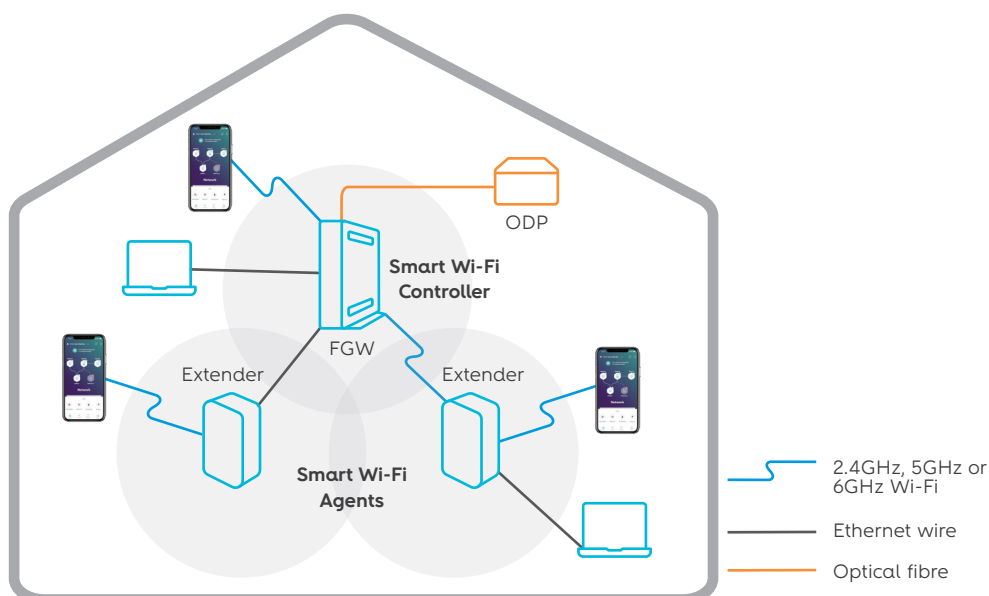
Tri-band Wi-Fi 6E Extender

Description

The D222AH Wi-Fi 6E Extender is part of Altice Labs' portfolio and the ideal solution for those who want to ensure optimal coverage and consistent Wi-Fi performance within indoor scenarios. As a component of Altice Labs' Smart Mesh Wi-Fi solution, this device interoperates seamlessly as a mesh solution compliant with Wi-Fi EasyMesh™ from Wi-Fi Alliance®, granting optimal QoS and maximizing throughput performance. The equipment can be easily installed and managed through our mobile application (Android & iOS) and cloud-based web portal.

This device's architecture allows wireless and wireline connections to link Fiber Gateways and Extenders. Two built-in RJ-45 Ethernet interfaces for cable connections grant ultra-fast Wi-Fi access for Internet applications. A valuable set of built-in LEDs provides fast and pertinent information to the user.

This equipment includes a high-performance Wi-Fi technology that supports tri-band concurrent operation, complying with 802.11a/b/g/n/ax standards, operating simultaneously on the 2.4GHz, 5GHz and 6GHz frequency bands.



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Tri-band Wi-Fi 6E Extender

Features

- Compliant with Wi-Fi® Alliance EasyMesh™ Multi-AP specification;
- Tri-band Wi-Fi 6E compliance;
- Optimal QoS and throughput performance;
- Wireless and wireline connections to link FGWs and Extenders.

Product Specifications

Antenna Configuration	Tri-band concurrent 2x2 (2.4GHz) + 2x2 (5GHz) + 4x4 (6GHz)
Transmit power	Max EIRP 2.4 GHz up to +20dBm Max EIRP 5GHz up to +30dBm Max EIRP 6GHz up to +26dBm
Wi-Fi Support	802.11b/g/n/ax @ 2.4GHz + 802.11a/n/ac/ax @ 5GHz + 802.11ax @ 6GHz
Wi-Fi Standards	IEEE 802.11a/b/g/n/ax; 802.11r Fast Roaming, 802.11e (WMM), 802.11v, 802.11k
Security / Encryption	WPA, WPA2, WPA3, WPS
Multi-AP Wi-Fi Alliance® Compliance	EasyMesh™ Wi-Fi Alliance® multiple AP specification
Mobile App Management	Yes
Cloud-Based Remote Management	Yes
Environment	Temperature Range: +5°C to +40°C Relative Humidity: 5% to 95%
EMC	ETSI EN 301489-1 and EN 301489-17
Safety	IEC/EN 62368-1
Radio	ETSI 300 328 and EN 301893
Ethernet	1x10/100/1000Base-T and 1x1/2.5GBase-T
Physical Buttons	Power (ON/OFF) Reset (CPU) WPS
LEDs	Power Wi-Fi status WPS Ethernet Link/Activity
Equipment Size (HxWxD)	198 x 185 x 94mm / 7.7 x 7.2 x 3.7"
Net Weight	422g / 0.93lb
Power Supply	Primary: 230VAC, 50Hz or 115VAC, 60Hz Secondary: 12VDC/2A ± 15%