

V2801BE36C-H

1*XPON(PoF)+1*GE+Wi-Fi 7(BE3600) Ceiling Mounting ONT

Key Features:

Powered by OpenWrt

Powered by Wi-Fi7
BE3600&MLO
AC+AP Supported

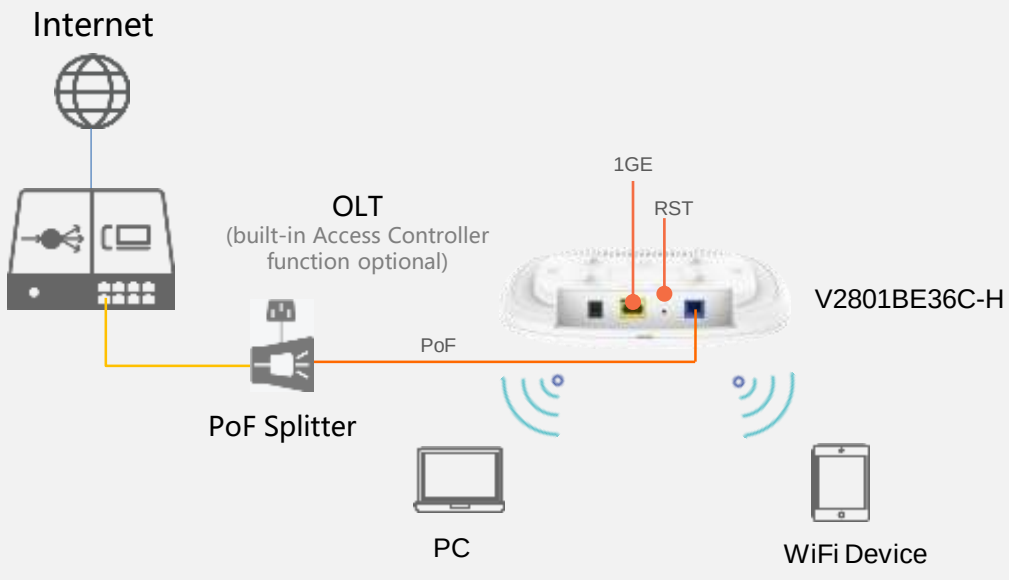
Ceiling installation
Small and beautiful

PoF
Powered supply

Introduction:

V2801BE36C-H is VSOL ceiling-mount Wi-Fi 7 ONT AP. Adopting BE3600 Wi-Fi 7 with MLO multi-link aggregation, it integrates XPON (PoF) fiber-powered interface and one GE port. Wireless functions are developed on OpenWrt platform. Compact and elegant, it supports ceiling installation. PoF fiber power greatly simplifies on-site cabling. Suitable for hotels and enterprise offices, it delivers high-speed and stable optical-wireless converged access.

Application Chart:



Hardware Parameter

Dimension	195mm*195mm*35mm(L*W*H)
Net weight	NA
Working condition	Working temp: -10~+55°C Working humidity:5~95%(non-condensing)
Storing condition	Storing temp: -40~+70°C Storing humidity:5~ 95% (non-condensing)
Power adapter	Local power supply:DC 12V, 1.5A; PoF power supply:DC 48~56V or AC 100~240V
Power supply	≤18W
Interface	1*XPON(PoF)+1*GE+WiFi7
Indicators	PON/LOS, LAN
Button	Reset
Installation	Ceiling installation

Interface Parameter

PON Interface	• 1XPON port(EPON PX20+ and GPON Class B+) • SC single mode, SC/UPC connector • Support PoF • TX optical power: 0～+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, RX1490nm
User Interface	• 1*GE, Auto-negotiation,RJ45 ports
Antenna	• 2.4GHz\5GHz 2T2R

Function Data

O&M	• WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol
Internet Connection	• Support routing mode and bridge mode
Multicast	• IGMP v1/v2/v3, IGMP snooping • MLD v1/v2 snooping
Wireless	• Wi-Fi 7: 802.11a/n/ac/ax/be 5GHz, 2.4GHz • WiFi Rate up to 3.6Gbps, Multiple SSID • WiFi Encryption: WPA/WPA2/WPA3 • Support OFDMA, MU-MIMO, Dynamic QoS, 4096-QAM • Smart Connect for one Wi-Fi name-One SSID for 2.4GHz and 5GHz dual band • Easy-Mesh R5 • Support AC+AP wireless roaming
L2	• Support 802.1D&802.1ad bridge, 802.1Q VLAN
L3	• IPv4/IPv6, DHCP Client/Server,PPPoE, NAT, DMZ, DDNS,Parental Control
Security	• Anti-DDOS, ACL with URL, MAC, and IP-based filtering

Product Name	Product Description	Accessories
V2801BE36C-H	1*XPON(PoF)+1*GE+WiFi7	PoF Power: DC 48~56V or AC 100~240V AC-DC power adaptor: DC12V/1A(Optional)