



ZP8404-DWH

WiFi 6 AX3000 DualBand GPON Router

4GE+AX3000 GPON ONU

802.11ax2.4GHz

574Mbps

802.11ax5GHz

2402Mbps



IPv4 & IPv6
Dual stack



E/GPON Dual
Mode



Routing & Bridging
Mode



Dual Band 4*Antennas
AX 3000Mbps



Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual Band
Speed up to 3Gbps



Tray-mounted Fiber Structure
Triple-play Services

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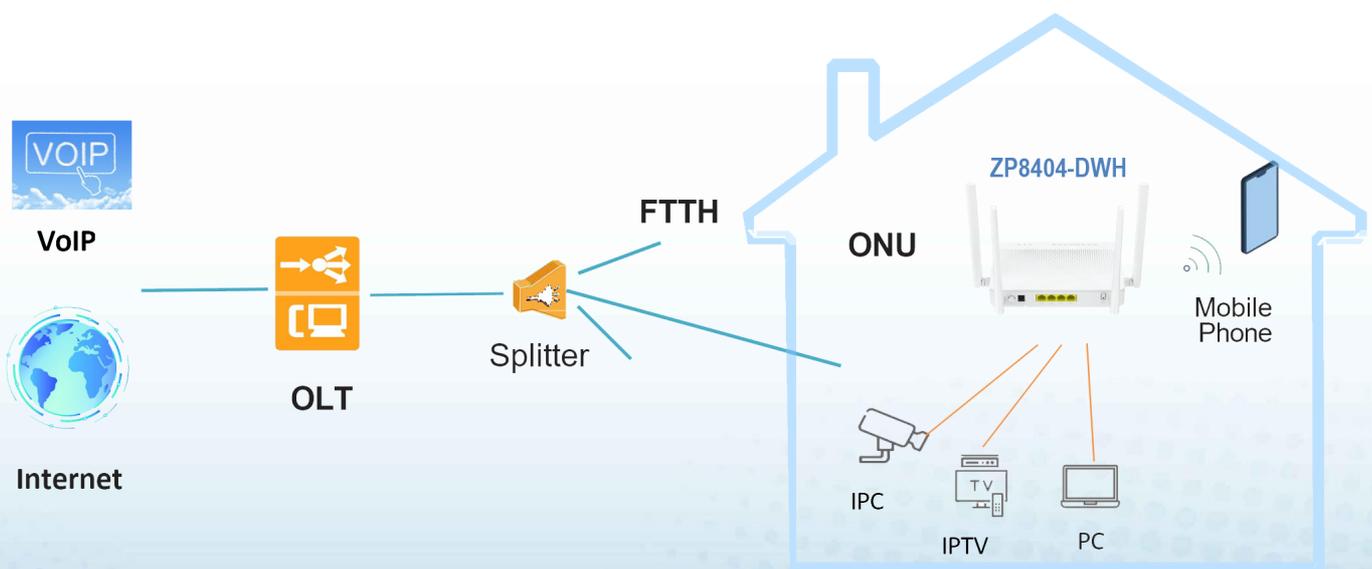


Introduction

ZP8404-DWH is 4GE+CATV+AX3000 with USB optional XPON(GPON and GEAPON dual mode) HGU ONU. The device is fully comply with ITU-T G.984/G988 and IEEE802.3ah. The equipment integrates the reliability, maintainability and security design of carrier-grade level, and provides customers with the last kilometer of broadband access to residential and corporate customers. It can also be applied to a strictly temperature environment, and can work stable for longtime without service interruption.

ZP8404-DWH is interoperable with all brands of OLT and is Easy to install, provisioning and maintenance. The device can identify the working mode of the OLT to automatically complete the switch between GPON and EPON, The device can be freely switched between bridge and routing modes, and supports PPPoE dial-up and IPv6 functions in routing mode to meet the needs of different scenarios.

Application Chart





Product Parameters

| Hardware Parameter | |
|---------------------|--|
| Dimension | 246mm×157mm×38mm (L×W×H) |
| Net weight | 355g |
| Operating condition | <ul style="list-style-type: none">• Operating temperature: -10 ~ +45°C• Operating humidity: 10 ~ 90% (non-condensing) |
| Storing condition | <ul style="list-style-type: none">• Storage temperature: -40 ~ +70°C• Storage humidity: 5 ~ 95% (non-condensing) |
| Power adapter | DC 12V/1.5A, external AC-DC power adapter |
| Interfaces | XPON+4×GE+WiFi AX3000 |
| Buttons | Reset,WPS |
| Indicators | Power, PON, LOS, Internet, LAN1-4,2.4G, 5G, WPS |

| Interface Parameter | |
|---------------------|--|
| PON interface | <ul style="list-style-type: none">• 1XPON port(EPON PX20+ and GPON Class B+)• PON standard: GEAPON IEEE802.3ah, GPON ITU-T G.984• SC single mode, SC/UPC or SC/APC connector• TX optical power: 0~4dBm(EPON) or 0.5~5dBm(GPON)• RX sensitivity: EPON: -27dBm GPON: -28dBm• Overload optical power: -3dBm(EPON) or -8dBm(GPON)• Transmission distance: 20KM max• Wavelength: TX 1310nm, RX1490nm |
| LAN interface | <ul style="list-style-type: none">• 4×GE Auto-negotiation RJ45 ports |
| WiFi interface | <ul style="list-style-type: none">• Compliant with IEEE802.11b/g/n/ac/ax• WiFi: 2.4GHz 2×2, 5.8GHz 2×2 MIMO• 4*5dBi external antennas• Multiple SSID |

| Software Features | |
|-------------------|---|
| PON | <ul style="list-style-type: none">• XPON Dual Mode• SN and LOID+Password multiple registration methods |
| Layer2 | <ul style="list-style-type: none">• Support VLAN transparent/tag/translate/trunk• Support Layer 2 802.1Q VLAN, 802.1P QoS, ACL etc |



| | |
|-----------------------|--|
| Layer3 | <ul style="list-style-type: none">• IPv4, IPv6 and IPv4/IPv6 dual stack• Support bridge, router & bridge/router mixed mode• DHCP v4/v6 Client/Server, PPPoE & Static• Support Static Routing• Support hardware NAT |
| Multicast | <ul style="list-style-type: none">• Support IGMP v2 and MLD proxy/ snooping• Support MultiCast VLAN & MultiCast Maximum Address |
| Security and Firewall | <ul style="list-style-type: none">• DDoS, Filtering Based on ACL/ MAC/ URL• Support DDNS, ALG, UPnP, Port forwarding, DMZ• HTTP/ SSH/ Telnet Service Access Control• Support Parent control• Support PPTP , L2TP, Pass-through service |
| QoS | <ul style="list-style-type: none">• Support 4 queues• Support SP, WRR, 802.1P and DSCP |
| WiFi | <ul style="list-style-type: none">• Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11g/b/n/ax 2.4GHz• WiFi Encryption:WEP-64/WEP-128/ WPA/WPA2/WPA3• Support WiFi Easy-mesh function |
| Management | <ul style="list-style-type: none">• Support Telnet, CLI, OMCI/OAM ,TR069 and Web management |

Package

| | |
|---------|--|
| Package | <ul style="list-style-type: none">• 1 x ONU• 1 x Quick Installation Guide• 1 x Power Adapter |
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Ordering information

| Product Name | Product Description | Accessories |
|--------------|----------------------|---------------------------------|
| ZP8404-DWH | XPON+4GE+WiFi AX3000 | AC-DC power adapter: DC12V/1.5A |

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