

# SKYWORTH

AX3000

## Dual-Band Wi-Fi 6 AX3000 GPON ONT

GN630V



802.11ax  
Dual Band



160MHz  
Channel



EasyMesh



VoIP



IPTV

# Product Specifications

## Interfaces

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Optical interface | 1*GPON port, SC/APC                                          |
| Ethernet          | 4*GE RJ45 ports                                              |
| Telephone         | 2*FXS RJ11 ports                                             |
| Power Input       | 12VDC/1.5A                                                   |
| Buttons           | Power On/Off, Reset, WPS                                     |
| LEDs              | Power, PON, LOS, Internet, LAN1~4, 2.4G, 5G, WPS, TEL1, TEL2 |

## GPON

|                |                                              |
|----------------|----------------------------------------------|
| Standards      | ITU.T G.984, G.988                           |
| Optical Module | Class B+, BOB                                |
| Bandwidth      | 2.488Gbps, Downstream<br>1.244Gbps, Upstream |
| Wavelength     | 1310nm, Transmit<br>1490nm, Receive          |
| Max Distance   | 20KM                                         |
| TX Output      | 0.5~5dBm                                     |
| RX Input       | -8 to -28dBm                                 |

## Wireless

|           |                                                                              |
|-----------|------------------------------------------------------------------------------|
| Standards | 2.4GHz IEEE 802.11b/g/n/ax<br>5GHz: IEEE 802.11a/n/ac/ax<br>WMM QoS, WPS 2.0 |
| Data Rate | 2.4GHz - 573Mbps(11ax@40MHz)<br>5GHz - 2402Mbps(11ax@160MHz)                 |
| Security  | WEP, WPA/WPA2-PSK, WPA3                                                      |
| Antenna   | 4*3dBi, Internal Omni-directional                                            |

## Telephony

|                  |                             |
|------------------|-----------------------------|
| Protocol         | SIP, H.248                  |
| Features         | VAD, CNG, G.168 EC, RFC2833 |
| Codec            | G.722, G.711a/u, G.729      |
| Fax              | T.38, T.30/G.711            |
| Ringing Capacity | 55Vrms, 5 REN               |

## Software Features

|            |                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------|
| Basic      | PPPoE, DHCP, DNS relay, NAT/NAPT, NTP, IPv4/IPv6 Dual Stack, DS-lite                               |
| Advanced   | Port Forwarding, ALG, UPnP, DMZ, VPN Passthrough, DDNS, Multi-WAN, VLAN, SoftGRE, QoS,             |
| Security   | SPI Firewall, MAC/IP/URL Filtering, DoS Attack Protection, ACL                                     |
| Multicast  | IGMP v1/v2/v3 Snooping/Proxy, MLD v1/v2                                                            |
| Management | Multicast over Wi-Fi<br>System Log, Diagnosis<br>Http/Https, Telnet/SSH<br>TR069/TR098/TR104/TR181 |

## Physical

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| Temperature    | Operating: 0 ~ 45°C (32~113°F)<br>Storage: -20 ~ 65°C (-4 ~149°F) |
| Rel.Humidity   | Operating: 5% ~ 95% (non-condensing)                              |
| Dimension (mm) | 210*150*35mm                                                      |
| Net Weight     | 400g (device only)                                                |

## Certifications

FCC, UL, WFA, BBF247

## Packaging

1x GPON ONT  
1x Power Adapter, 12VDC  
1x Ethernet Cable  
1x Telephone line  
1x Fiber Jumper SC/UPC-APC G657A2  
1x Quick Installation Guide

