

ZXHN F660 Datasheet

ZXHN F660 is a GPON Optical Network Terminal designed for HGU (Home Gateway Unit) used in FTTH scenario, which supports L3 function to help subscriber construct intelligent home network. It provides subscriber with rich, colorful, individualized, convenient and comfortable triple-play services including voice, video (IPTV) and high speed internet access.

ZXHN F660 provides an GPON interface to connect OLT with an ODN. It offers a new choice for operators to deliver FTTH access.



Interface Function

- Optical port (line terminal):
 - 1 * GPON interface (SC/APC)
- User network interface:
 - 4 * 10/100/1000Base_T interfaces
 - Auto MDI/MDIX
 - 2 * POTS (VoIP) interfaces
 - 1 * WiFi interface: IEEE 802.11b/g/n
 - 1 * USB interfaces

Transmission Rate

- Line terminal: 2.488Gbps downstream and 1.244Gbps upstream
- User side interface: 10/100/1000Mbps auto-negotiation
- WiFi interface
 - IEEE 802.11b/g/n

Transmission Distance

- Link distance: 0 ~ 20km max.

Transmission Wavelength

- Receiving: 1,490 nm
- Transmitting: 1,310 nm

Receiving Sensitivity

- Data: Better than -28dBm

Transmitting Optical Power

- 0.5~5dBm

Overload Optical Power

- -8 dBm

Physical Performance

- Power consumption: 11W
- Dimensions: 35mm (H) * 199 mm (W) * 150 mm (D)
- Working temperature: -5°C ~ 45°C
- Working humidity: 5% ~ 95%
- Weight: 0.7Kg
- Power supply: 12 V DC
- Mounting mode: Desktop/Cabinet/Wall mounting
- Battery: 3AH/6AH (Optional)

Service Function

- Service: VoIP, Internet, IPTV, WiFi
- 802.1Q, 802.1P, 802.1ad and QoS policy
- IGMP snooping and controllable multicast
- Loop back function
- Auto event alarm
- Security management
- Remote management
- Dying Gasp
- Optical power detection
- Support TR069
- SIP/H.248/ MGCP
- G.711 /G.722 /G.723 /G.729 codec, T.30/T.38 FAX
- Up to 8 T-CONTs and 32 GEM Ports
- Support WPS
- Support DHCP server
- DOS protection
- USB Local backup