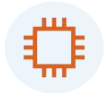


FD604GW-DX-R760

4GE+2POTS+2WIFI XPON ONU



High Speed CPU



Low Power Consumption



Software Customization



Optional Shell Supply



Brief Views

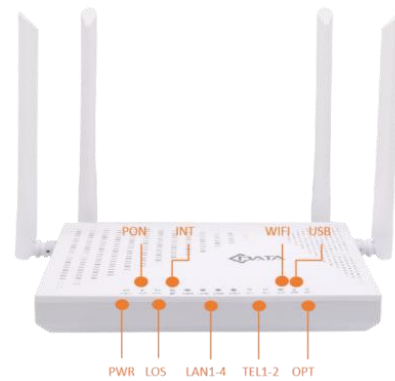
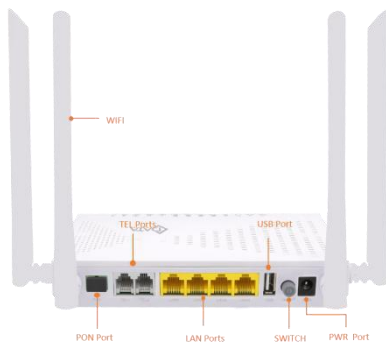
FD604GW-DX-R760 features high-performance forwarding capabilities to ensure excellent experience with VoIP and Internet. It fully meets the ITU-T technical standards and have good compatibility with third party OLT. It provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

FD604GW-DX-R760 integrate wireless function which meets 802.11 a/b/g/n/ac technical standards. At the same time, it also supports 2.4GHz/5GHz dual-band wireless signal. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

Functional Feature

- Single-fiber access, provides internet, WIFI multiple service.
- In compliant with ITU - T G. 984 and IEEE802.3ah standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support VLAN transparent, tag configuration
- Support multicast function
- Support DHCP/Static/PPPOE internet mode
- Support port-binding
- Support data encryption and decryption function
- Support Dynamic Bandwidth Allocation (DBA)
- Support MAC filter and URL access control
- Support power-off alarm function ,easy for link problem detection
- Specialized design for system breakdown prevention to maintain stable system
- EMS network management based on SNMP ,convenient for maintenance

Product Interface and LED



LED Definitions

| Indicator | | Description |
|-----------|---------------------------|--|
| PWR | Power status | On: The ONT is power on; Off: The ONT is Power off; |
| PON | ONT Register | On: Success to register to OLT; Blinking: In process of registering to OLT; Off:Failed to register to OLT or no normal optical signal input; |
| LOS | PON optical signals | On: Optical power lower than receiver sensitivity; Off: Optical in normal; |
| LAN | LAN port status | On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up; |
| INT | Internet status indicator | On: The routed WAN Internet access service is normal. Off: The routed WAN Internet access service is abnormal. |
| WIFI | WIFI | Blinking: Data is being transmitted On: WIFI function Opens |
| OPT | Light intensity indicator | On: higher than ONURX maximum threshold; flashing: lower than ONU RX minimum threshold; off: ONU RX is within the normal threshold range. |
| USB | USB port status | On: USB connection is normal; Off: USB connection is not set up; |
| TEL | Telephone port status | On:The connection between the TEL port and the voice server has been set up Blinking:The voice service of the TEL port is established; Off:The connection between the TEL port and the voice server is not set up. |

Hardware

● GPON/EPON Port

- Single mode single fiber
- GPON: FSAN G.984.2 standard,Class B+
- EPON: 1000BASE-PX20+ symmetric
- GPON: 2.488Gbps/1.244Gbps downstream/upstream
- EPON: 1.25Gbps downstream/upstream
- Wavelength :
Transmit: 1310nm Receiver: 1490nm
- Receiving sensitivity :
GPON: -28dBm EPON: -27dBm
- Saturated power :
GPON: -8dBm EPON: -3dBm
- Transmitting power :
GPON: 0.5~5dBm EPON:0~4dBm

● User Port(LAN)

- RJ-45 connector
- 4*10/100/1000Mbps adaptive Ethernet port
- Full/half duplex
- Auto MDI/MDI-X

● WIFI performance parameters

- IEEE802.11b/g/n(2.4G)
- IEEE802.11a/n/ac(5G)
- Max rate: 300M(2.4G)
- Max rate: 867Mbps(5G)
- MAX TX power 2.4G:17dBm
- MAX TX power 5G:17dBm

● User Port(POTS)

- RJ-11 connector
- 2*accounts
- SIP protocol
- TDMF
- G711U/G711A/G729/G722 encoding and decoding

● Environmental Specifications

- Operating temperature: 0 to 40° C
- Storage temperature: -40 to 85° C
- Operating humidity: 10% to 90%(Non-condensing)

● Indicators

- PWR / PON / LOS / LAN / WIFI / USB / INT / OPT / TEL

● Power

- External 12VDC/1.5A power supply adapter
- Power consumption: <13W

● Dimension and Weight

- Item Dimension:
180mm(L) x 155mm(W) x 30mm (H)
- Item weight: 0.317kg

Software

● Management

- EPON :OAM / WEB / TR069 / Telnet
- GPON:OMCI / WEB / TR069 / Telnet

● Register

- Auto-discovery/Link detection/Remote upgrade software
- Auto/MAC/SN/LOID+Password authentication

● L3

- IPv4/IPv6 Dual Stack
- NAT
- DHCP client/server
- PPPOE client/ Pass through
- Static and dynamic routing

● Switch

- MAC address learning
- MAC address learning account limit
- Broadcast storm suppression
- VLAN transparent/tag/translate/trunk

● Multicast

- IGMP V2
- IGMP VLAN
- IGMP transparent/Snooping/Proxy

● Wireless

- Choose channel automatically

● Security

- Firewall
- MAC address/URL filter
- Remote WEB/Telnet access control

Application

- Typical Solution: FTTH
- Typical Business: Internet, VOIP, Wi-Fi

