HSGQ-X100W3





Technical Parameter

Management

| Module | Parameter |
|----------------|---|
| User Interface | 1×10/100/1000M RJ45 |
| | 2.4G WiFi |
| PON | EPON&GPON mode adaptive Interface Type: SC-APC/SC-UPC Network coverage radius: 20KM |
| | GPON: upstream 1.25Gbps/downstream 2.5Gbps Optical receive power: -7dBm~-28dBm Continuous light power: 0.5dBm~+5dBm |
| | EPON: upstream 1.25Gbps/downstream 1.25Gbps Optical receive power: -7dBm~-27dBm Continuous light power: 0dBm~4dBm |
| | 1×10/100/1000M auto-negotiation |
| | Full/half duplex mode |
| Ethernet | RJ45 connector |
| | Auto MDI/MDI-X |
| | 100m distance |
| Size | 130mm(L) × 85mm(W) × 30mm(H) |
| Environmental | Operating temperature: -10°C~60°C |
| | Operating humidity: 10%~85%non-condensing |
| | Storage temperature: -40°C~80°C |
| | Storagehumidity: 5%~95% non-condensing |
| Power Supply | 12V/1A DC |
| | Power interface size: 2.1mm/5.5mm |
| Power | <8W |

Product Interfaces and Indicators Definitions

WEB/TELNET/TR069/OMCI/OAM

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|---|------------------|--|--|
| Indicator | | Description | |
| POWER | Power Status | On: The ONU is power on | |
| | | Off: The ONU is power off | |
| PON | ONU Register | On: Success to register to OLT | |
| | | Blinking: In process of registering to OLT | |
| | | Off: Fail to register to OLT | |
| LOS | Optical Signals | On: Optical power is abnormal | |
| | | Off: Optical in normal | |
| LAN | LAN Port Status | On: Ethernet connection is normal | |
| | | Blinking: Data is being transmitted | |
| | | Off: Ethernet connection is not set up | |
| 2.4G | 2.4G WiFi status | Blinking: Data is being transmitted | |
| | | On: WiFi function Opens | |
| | | Off: WiFi function closes | |

Key Feature

- Support device based rate limitation and bandwidth control
- In compliant with IEEE802.3ah and ITU-T G984.x standard
- WiFi series meet 802.11 n/b/g technical standards
- Up to 20KM transmission distance
- Support data encryption, group broadcasting, port Vlan separation, etc.
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support port VLAN configuration
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Support port binding
- Support port forwarding
- Support ACL to configure data packet filter flexibly
- Specialized design for system breakdown prevention to maintain stable syste
- Support software online upgrading
- Support TR069 for ACS(Auto Config Server)
- Support PPPoE/DHCP Server/NAT
- Support IPv4/IPv6

WiFi Feature(2.4G)

- WiFi Specification IEEE802.11n compliant, 2.4 GHz
- Full IEEE802.11b/g legacy compatibility with enhanced performance
- Two-stream spatial multiplexing up to 300 Mbps PHY data rates
- Support multi-SSID (Maximum 4 SSID)
- Support automatic channel selection
- Support hide SSID
- Support wireless security of 64/128 bit WEP, 802.1x, WPA and WPA2

Ordering Information

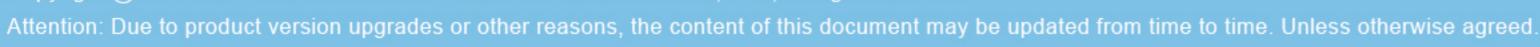
| Product Model | Description |
|---------------|---|
| HSGQ-X100W3 | 1×10/100/1000M Ethernet interface(RJ45) |
| | 1 GPON/EPON adaptive interface |
| | 2.4G WiFi |

For more information, please visit: http://www.hsgq.com



Factory Address: 5/F, Bldg C, Zone B, Hongfa Technology Industrial Park, Tangtou Community, Shiyan St., Bao'an District, Shenzhen City, Guangdong Province, PRC China

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