# HSGQ-X200DW ONU - Router

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HSGQ-X200DW ONU - Router

## Variants

APC  UPC  UPC-C

## Details

The **HSGQ-X200DW** is a high-performance ONU device designed for FTTH, ISP, commercial, and industrial broadband networks. It supports **EPON/GPON adaptive access**, dual-band Wi-Fi, advanced security features, and stable high-speed connectivity.

| | |
|---|---|
| PON Mode | **EPON / GPON** |
| Ethernet | **2 × GE** |
| Wi-Fi Speed | **1166Mbps** |

Voice Port

**RJ11**

## Key Features

? EPON / GPON Adaptive Port

? Dual Band 2.4GHz / 5GHz Wi-Fi

? Up to 1166Mbps PHY Rate

? 2 × Gigabit Ethernet RJ45 Ports

? 1 × RJ11 POTS Voice Port

? VLAN, DBA, QoS, ACL, NAT & Encryption

? WEB, TELNET, TR069, OMCI & OAM Management

? Remote Software Upgrade Support

## Product Specifications

| Category | Specification |
| --- | --- |
| **Model** | HSGQ-X200DW |
| **Product Type** | Dual Band GPON / EPON ONU |
| **Fiber Port** | APC / UPC |

| Category | Specification |
| --- | --- |
| **PON Standards** | IEEE 802.3ah EPON / ITU-T G.984 GPON |
| **Interfaces** | 2 × 10/100/1000M RJ45, 1 × EPON/GPON SC-UPC/APC, 1 × RJ11 |
| **Management** | WEB, TELNET, TR069, OMCI, OAM |

## Wi-Fi Features

| | |
| --- | --- |
| **Wi-Fi Standard** | 802.11a/b/g/n/ac |
| **Wireless Band** | 2.4GHz / 5GHz |
| **PHY Rate** | Up to 1166Mbps |
| **SSID** | Supports 4 × SSID |
| **Security** | WPA2 / WEP / 802.1x |
| **Wireless Functions** | Hide SSID, Auto Channel Selection |

## Technical Specifications

| | |
| --- | --- |
| **PON Speed** | GPON: 2.5Gbps Down / 1.25Gbps Up; EPON: 1.25Gbps Symmetric |
| **Sensitivity** | -7dBm to -28dBm GPON, -7dBm to -27dBm EPON |
| **Ethernet** | Auto-MDI/MDI-X, 100m Range, Full/Half Duplex |

| | |
|---|---|
| **Power** | 12V / 1.5A DC, 9W Consumption |
| **Environment** | 0°C to +60°C Operating, -40°C to +80°C Storage, 10% to 85% Humidity |
| **Size** | 162mm × 112mm × 30mm |

## LED Indicator Details

| No. | Indicator | Status |
|---|---|---|
| 1 | POWER | On: Powered • Off: No power |
| 2 | PON | On: Registered • Blinking: Registering • Off: Failed |
| 3 | LOS | On: Weak Signal • Off: Normal |
| 4 | LAN | On: Connected • Blinking: Data Transfer • Off: Disconnected |
| 5 | 2.4G Wi-Fi | On: Enabled • Blinking: Data Transfer • Off: Disabled |
| 6 | 5G Wi-Fi | On: Enabled • Blinking: Data Transfer • Off: Disabled |
| 7 | WPS | On: Paired • Blinking: Pairing • Off: Inactive |
| 8 | NET | On: Internet Access • Off: No Connection |

**Download:**

Download HSGQ-X200DW ONU Data Sheet PDF File
Download Firmware for Password of ONU X200DW

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