

6712-W1 xDSL 4 Port Gateway

- ✓ *VDSL2 with Profiles 8a/b/c/d, 12 a/b, 17a or ADSL2+*
- ✓ *Supports falls back to ADSL2+ if VDSL2 training fails*
- ✓ *G.INP and G.Vector*
- ✓ *Integrated Gig-E Ethernet port for WAN uplink for GPON development*
- ✓ *USB 2.0 Host For DLNA (File and Printer Sharing)*
- ✓ *TR-069 and TR-104*



6712-W1 is a versatile Broadband gateway for service provider that are seeking a single hardware that can support ultra-high bandwidth application.

VDSL2 technology providing up to 100Mbps downstream and 50Mbps upstream (profile 17a) can be used to provide video/data services or triple-play services.

ISP can use the same gateway for FTTx deployment by using the Gigabit Ethernet WAN to a GPON device.

For majority of the ISP that are still using ADSL2+ technology, the same unit can be deployed in ADSL2+ network and switch over to VDSL2 when the network while planning the network upgrade.

Service Provider can deploy the 67xx series in ADSL2 mode while planning to upgrade the network to VDSL2. Using VDSL2 mode, the 67xx-W1 series can support downstream connection rate at 100mbps and 50mpbs upstream for triple play application.

Subscriber can enjoy always-on internet service even when DSL service is down by connecting a USB 3G dongle to one of the USB port provided by the 67xx-W1.

Inside the home, the 6712-W1 plays a central role in interconnecting all networking devices such as PCs, and game consoles to the internet. The built-in DLNA server makes sharing digital multimedia files and USB printer via the USB ports.

Technical Specifications

Dimensions

- 6.81" (H) x 8.5" (W) x 2.44" (D)
- 17.30 cm (H) x 21.59 cm (W) x 6.03 cm (D)

Weight

- 0.95 lbs
- 440 grams

Power

- Input: 120- 240 VAC 50/60 Hz
- Output: 12VDC 1.5A

Interfaces

- 1x RJ11 VDSL2/ADSL2+
- 1 x RJ45 Gigabit Ethernet WAN
- 4 x RJ45 10/100-Base-TX Ethernet LAN
- 2 x USB Host 2.0
- 1 x Reset Button
- 1 x ON/OFF Power Button

Standards Support

- Ethernet Interface
 - IEEE 802.3/802.3u compliant
 - Support 10/100Mbps operation
 - Support half/full duplex operation
 - Support IEEE 802.3u clause 28-auto negotiation
 - Support Flow Control
 - Support Auto MDI/MDIX
 - IP Multicast and IGMP snooping
 - Support 802.1d
 - IEEE 802.1q
 - IEEE 802.1p
- Routing
 - Static routes
 - Dynamic routes: RIPv1 or RIPv2
 - PPP client
 - IGMP proxy
 - DHCP server and client
- Security
 - SPI firewall
 - Access control list based on IP and port
 - Port forwarding, virtual server
 - Support for one DMZ host
 - ALG support including SIP, H.323, RTSP, FTP, HTTP, PPPoE

Protocol Support

- ADSL2+
 - ANSI T1.413 (Full Rate ADSL)
 - ITU G.992.1 (DMT)
 - ITU G.992.2 (G.lite)
 - ITU G.992.3 (ADSL2)
 - ITU G.992.5 (ADSL2+)
 - ITU G.994.1 (G.hs)
 - ITU G.997.1
 - Annex L
 - Annex M
 - Phy R
- VDSL2
 - ITU-T G.993.2 (VDSL2)
 - ITU-T G.993.1 (VDSL1)
 - ANSI T1-424
 - ETSI TS 101 270-1
 - ETSI TS 101 270-2
 - China MII VDSL standard
 - ITU-T G.994.1 (G.hs) based hand shaking
 - Supports band plan 997, 998, FX and China
 - VDSL2 profiles 8a/b/c/d, 12a/b, and 17a
 - Phy R
 - G.INP
 - G.Vector
 - Extended US0 band up to 276kHz
 - VLAN to Port mapping
- 3G (WCDMA, CDMA2000, TD-SCDMA)

Management

- Local Management via Web/HTTP
- TR-069, TR-098 Remote Management
- SNMP GETs, SETs and TRAPS for four groups in MIB-II
- Embedded Syslog
- Firmware upgrade using HTTP, FTP, TFTP, TR-069
- Command line Interpreter (CLI)
- Multiple admin/user access

Regulatory Compliance

- FCC Part 15/68
- UL
- CE
- VCCI
- RoHS Compliant
- UL-60950-1

Operating Requirements

- Operating Temperature: 0° C - 40° C
- Operating Humidity: 5% - 95% (non-condensing)
- Storage Temperature: -20° C - 70° C
- Storage Humidity: 5% - 95% (non-condensing)

Ordering Information

- 6712-W1-NA (North America Power Adapter)
- 6712-W1-UK (United Kingdom Power Adapter)
- 6712-W1-EU (European Power Adapter)