

KD212 VDSL2 Modem Router with 4-Ports Switch



Ultra-high Data Rate at Up to 100Mbps

With up to 100Mbps* for downstream and upstream bandwidths, the KD212 offers higher data transfer rates and provides higher bandwidth than traditional ADSL gateways. A higher bandwidth allows small to medium business users to enjoy quality symmetric and asymmetric applications and home users can enjoy smooth media-rich entertainment which was previously unavailable.

Advanced QoS for Triple Play Services

The inherent advanced QoS features of VDSL2 makes KD212 to be an idea access modem for service provider to deliver "triple play" multimedia services such as high-quality digital video streams, high-speed Internet access, and voice services which are competitive to the services provided by cable and satellite operators. Besides, with the Triple Play QoS, end users can enjoy the video-on-demand, on-line gaming, and E-learning with high-quality performance in the household.

Operate Over Existing Copper Wires

Telecom carriers can generate revenues by offering bundled services to successfully compete with what cable operators have to offer. A single network can be maintained to provide complete DSL services with minimal installation time and expense.

System Specification

- VDSL Compliance
 - Duplex Method: DMT
 - One VDSL Line
 - Ethernet over VDSL
 - G.993.1 VDSL
 - G.993.2 VDSL2 (Profile 8a, 8b, 8c, 8d, 12a, 12b and 17a support)*
(Optional 30a)
 - Band Plan 997 and 998 support
 - Support 3/4/5/6 band*
 - Support Up to 100Mbps downstream and 100Mbps upstream*
 - IEEE802.3u
 - Flow control in full duplex mode
 - Back pressure in half duplex mode
 - 802.11d transparent bridging
 - 802.1P QoS, 4 queues support

Hardware Specifications

- VDSL: One RJ-11 Port
- LAN: Four 10/100 Auto MDI/MDIX Ethernet Ports
- Status LEDs indicator

Power Requirements

- 9V AC 1000mA
- Power supply: 120V/230V/240V

Physical Specifications

- Dimensions: 175(W) x 175(D) x 34(H) mm
- Weight: 418g

Environmental Specifications

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Operating Humidity: 10% ~ 90%, non-condensing
- Storage Humidity: 5%~95% non-condensing