SMART/RG®

forward thinking

MODEMS / SR501
VDSL2 Modem/Router

THE SR501 VDSL2 MODEM/ROUTER is a cost-effective solution for home or office installations where an integrated WiFi router is not required. Many subscribers already have a router platform and simply require a high-speed modem in order to connect to Service Provider networks. Most VDSL2 modems on the market use outdated hardware, incapable of supporting the highest VDSL2 speeds. The SR501 is an up-to-date platform, supporting true 100Mbps services and includes full support for Vectoring, the essential noise-cancellation technique deployed by Service Providers today to ensure broadband access networks operate at the highest possible speed.

/ FEATURES

- True 100Mbps VDSL2 services over a single twisted-pair
- Small, tabletop footprint
- Fast, easy installation and setup

/ BUILT-IN SUPPORT

- TR-069 Remote Management
- Fallback to all legacy xDSL modes
- Works with any router

/ SPECIFICATIONS

Interfaces
One 10/100 Fast Ethernet LAN port
One RJ11 xDSL port

DSL
ITU-T G.993.2 (VDSL2)
ITU-T G.993.5 (G.vector)
ITU-T G.992.3/5 (ADSL2/2+)
Annex L (Reach Extended ADSL2)
Annex M (Extended Upstream Bandwidth)
ITU-T G.998.4 (G.inp) Impulse Noise Protection
ITU-T G.992.1 (G.dmt) & ITU-T G.992.2 (G.lite)

Remote Management
TR-069 Device Management
TR-098 Gateway Device Model
TR-106 Generic Device Model
HTTP/HTTPS, Telnet, SSH
Syslog logging (local/remote)
Remote Firmware Upgrades
Configuration Backup and Restore
Custom Factory Default Settings

Mechanical
Dimension: 122mm * 70mm * 52mm
Weight: 177g
Electrical Power Requirements:
AC power adapter: 100 to 240VAC @ 50/60Hz
Power Consumption: 6.5 watts or less

EMC and Safety
FCC Part 68 and IC CS-03 registered
ETL listed, RoHS & WEEE compliant

Environmental
Meets or exceeds Telcordia GR-63-CORE for:

Temperature:
Standard Operating: 0° to 40°C
Storage: -40° to 70°C

Humidity:
10% to 90% (Non-condensing, Standard Operating)
5% to 90% (Non-condensing, Non-operating)

501 SE Columbia Shores Boulevard, Suite 500
Vancouver, Washington, 98661 USA
+360 859 1780 / smartrg.com