

# SMART/RG<sup>®</sup>

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 Most VDSL2 modems on the market use outdated hardware, incapable of supporting the highest VDSL2 speeds.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 10/100/1000 Gigabit 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)

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