SMART/RG®

Gateways / SR360n
ADSL2+ 4-Port Gateway with WiFi

THE SR360n DSL GATEWAY provides high performance and flexibility for broadband and IPTV subscribers. It combines a full-rate ADSL modem with a wireless access point using the latest 802.11n WiFi technology. It can be used as an Ethernet or DSL gateway, and includes a router, firewall, and TR-069 management.

The SR360n is designed with ease of deployment in mind. The automatic broadband connection feature eliminates the need for an installation CD or manual configuration and, if you decide to deploy a remote management solution, the SR360n offers maximum interoperability with industry-leading TR-069 remote management systems.

/ HIGHLIGHTS

IPv6 Enabled
Support for IPv6/IPv4 Dual Stack, IPv6 Rapid Deployment (6RD) and Dual-Stack Lite (DS-Lite) transition mechanisms. The SR360n supports IPv6 out-of-the-box today and protects Service Provider and customer investment for years to come.

TR-069 Remote Management
SmartRG has a rich TR-069 heritage, leading the market in innovative TR-069-enabled services and solutions. Superior remote manageability reduces Service Provider operational expenses and maintenance costs.

IPTV Grade
With features such as Broadcom PhyR ™/G.inp, advanced IGMP/Multicast traffic handling, and dynamic/static LAN port-to-PVC mapping, the SR360n delivers the low bit error rate required when delivering HD IPTV services over copper and assures Quality of Service is maintained in the triple play environment.

/ FEATURES

- Four RJ-45 Fast Ethernet LAN ports
- Single RJ-11 ADSL2+ WAN port
- 802.11n 300Mbps Access Point
- USB 2.0 port

/ BUILT-IN SUPPORT

- IPv6, Dual-Stack, Dual-Stack Lite, and 6RD transition mechanisms
- Automatic Broadband connection creation
- TR-069 Device Management
- ADSL2/2+ Annexes A, L (Reach- Extended) and M (Extended Upstream Bandwidth)
- LAN as WAN (Ethernet WAN)
- Managed SPI Firewall
- Managed WiFi

ADSL
ITU-T G.992.5 (ADSL2+)
ITU-T G.992.3 (ADSL2)
Annex L (Reach Extended ADSL2)
Annex M (Extended Upstream Bandwidth)
ITU-T G.998.4 (G.inp) & Broadcom PhyR™ Impulse Noise
Protection
SRA (Seamless Rate Adaptation)
ITU-T G.992.1 (G.dmt) & ITU-T G.992.2 (G.lite)
ANSI T1.413 Issue 2

WAN
Packet Transfer Mode (PTM) and ATM
Up to 16 ATM PVCs or 8 PTM flows
Per-PVC packet level QoS
UBR, VBR and CBR traffic shaping
Diffserv and 802.1Q prioritization
LAN as WAN (Ethernet WAN mode)

Wireless
802.11n 300Mbps AP with 2x2 MIMO
Wireless bridge, WDS
Multiple SSIDs, including isolated Guest SSID
WiFi QoS (WMM) and PowerSave
Wireless Security:
- Wi-Fi Protected Access (WPA, WPA2)
- AES, TKIP, WEP encryption
- 802.1x authentication

Remote Management
TR-069 Device Management
TR-098 Gateway Device Model
TR-106 Generic Device Model
TR-111 LAN Device Management
Automatic Subscriber Activation
Real-time Status and Reporting
Remote Firmware Upgrades
Configuration Backup and Restore
Value-added service provisioning (IPTV, VoIP, Parental Controls)

Security
Stateful Packet Inspection Firewall
Denial of Service attack prevention
MAC/TCP/IP/Port/interface filtering rules
Day-time Parental Control
DMZ host

/ PRODUCT FEATURES

Routing and Networking
RFC2684 Multiprotocol Encapsulation over ATM
RFC2364 PPPoA
RFC2516 PPPoE
PPPoE pass-through
802.1Q VLAN over RFC2684 bridges
IP over Ethernet over AAL5
DNS Proxy and Static DNS entries
DHCP Server and Client
DHCP Relay
NAPT and NAT
IGMP Proxy and Snooping
RIP v1/v2
LAN port to VC mapping
Multiple Protocol VLAN Mux
Multiple Service PVC
IP/Bridge/802.1p QoS
Port Mirroring for troubleshooting

/ SPECIFICATIONS & STANDARDS

Mechanical
Dimensions: 153mm*110mm*34mm (W*D*H)
Weight: 280g

Electrical
Power Requirements:
The SR360n uses an AC adapter that supplies DC voltages
AC power adaptor: 100VAC-240VAC
DC voltage: 12V, 1.0A
Power Consumption: <12W

Electromagnetic Compatibility
Certified with FCC, compliant with ETSI standards.

Environmental
Overvoltage/Overcurrent
ITU-T K.21 compliant

Temperature:
0° to 55° C (Standard Operating)
20° to 70° C (Non-operating)

Humidity:
0% to 90% (Non-condensing, Standard Operating)
5% to 95% (Non-condensing, Non-operating)