

ARRIS TG3442SP

DOCSIS 3.1 GATEWAY MIT 802.11AC WLAN

Der TG3442SP DOCSIS 3.1/EuroDOCSIS 3.0 Gateway ist für Gigabit-Dienste über WLAN optimiert.

- 2x2 OFDM und OFDMA DOCSIS 3.1 Kanäle
- 32x8 SCQAM EuroDOCSIS 3.0 Kanäle
- Full Capture Bandwidth Tuner
- Schaltbarer Diplexer 5-85 MHz oder 5-204 MHz
- 4 Port Gigabit Ethernet Router
- 3x3 2,4 GHz 802.11n
- 4x4 5 GHz 802.11ac Wave 2
- USB 3.0 Host Port
- 2 FXS Ports für Carrier Grade VoIP
- Multi-Prozessor-Technologie
- Erweiterter Firmware Support für IPV6, DS-Lite und SoftGRE
- RDK-B Based



NETZGERÄT

- 12 V DC
- 2,5 A
- 30 W

SPEZIFIKATIONEN

| PHYSICAL | |
|-----------------------------|--|
| Operating Temperature | 0 to 40°C |
| Operating Relative Humidity | 5-85% (non-condensing) |
| Storage Temperature | -40 to 70°C |
| Dimensions (H x W x D) | 246 mm x 199 mm x 64 mm (excludes 'F' connector) |
| Weight | 0.785kg |
| Diagnostic LEDs (Front) | PHONE, INTERNET, WPS, WIFI, POWER |
| Diagnostic LEDs (Rear) | Ethernet Link/Speed |
| Front/Rear Switches | WPS, WIFI On/Off, Power On/Off |
| INTERFACES | |
| RF Interface | External 'F' type connector |
| Data Interfaces (bridged) | 4 x 10/100/1000 Base-T Ethernet (RJ-45 connector) |
| Analog Telephony Interface | 2 lines; RJ-11 |
| Input Voltage (nominal) | 12 V DC |
| Input Current (max) | 3.0 A |
| RF DOWNSTREAM | |
| Bonded Channels | Up to 32 SCQAM and/or 2 OFDM |
| Tuner Configuration | Full capture tuning range |
| Frequency Range | 108-254 MHz - 1218 MHz DOCSIS |
| Data Rate | Up to 5 Gbps |
| RF Input Sensitivity Level | -15 dBmV to +15 dBmV (DOCSIS) |
| RF UPSTREAM | |
| Bonded Channels | Up to 8 SCQAM and/or 2 OFDMA |
| Frequency Range | 5 MHz to 85 MHz or 5 MHz to 204 MHz |
| Data Rate | Up to 1 Gbps |
| RF Output Level | +65 dBmV(64QAM, single US) +57 dBmV(64QAM, 4-8 US) +65 dBmV(16QAM, single US) +65 dBmV(OFDMA) |

| VOICE | |
|--|---|
| Standards Supported | EuroPacketCable™ NCS (1.5/2.0) Network-based call signaling protocol (PKT-SP-EC-MGCP) RFC 3261 SIP RFC 2805 MGCP |
| Codecs Supported | G.711, G.722, G.729ab |
| FAX | T.38, G.711 Fax Passthrough |
| REN Capability | 5 REN Total |
| Voice supplementary services | Call Waiting Call Hold 3PTY Call Caller ID Voice Activity Detection (VAD) Comfort Noise Generation (CNG) Echo cancellation: G.165 G.168 up to 16 ms |
| DTMF tone relay | RFC 2833 |
| Pulse dialing | DTMF/pulse tones Pulse/DTMF tones conversion |
| RTP layer | RFC 1889 RFC 1890 |
| Line Card Support | Flexible LC Templates |
| WIRELESS | |
| Frequency Range | 2.4 GHz and 5 GHz |
| Transmit Power EIRP | + 28.0dBm (MCS0, 2.4GHz, HT20) + 24.0dBm (MCS7, 2.4GHz, VE20) + 30.5dBm (MCS0, 5GHz, VHT20) + 25.5dBm (MCS9, 5GHz, VE80) |
| Spatial Streams | 3 for 2.4 GHz, 4 for 5 GHz |
| Receive Levels | -92 dBm 802.11n (MCS0, 2.4 GHz, VE20) -88 dBm 802.11ac (MCS0, 5 GHz, VE20) |
| Antennas | 7 transmit, and 7 receive (total) |
| NETWORK & SERVICES | |
| Network Protocols | Dual stack IP (IPv4, IPv6) TCP, UDP ARP, ICMP, DHCP TFTP, SNMP, HTTP(s), Telnet |
| Parental Control | URL-based website filtering Time-based access control |
| Routing modes | Transparent bridging Routed modes |
| Network Protocols | Dual stack IP (IPv4, IPv6) TCP, UDP ARP, ICMP, DHCP TFTP, SNMP, HTTP(s), Telnet |
| Wireless QoS | WMM (BE, BK, VI, VO access categories) queuing and scheduling |
| MANAGEMENT | |
| SNMP | SNMP v1, SNMP v2, SNMP v3 |
| Web-based user interface management and administration | User-friendly GUI via HTTP Command Line Interface (CLI) |
| CPE WAN Management Protocol (CWMP) | TR-069 TR-181 |
| SECURITY | |
| Docsissecurity | BaselinePrivacyInterface Plus(BPI+) |
| SW security | Stateful Packet Inspection Firewall (SPIF) Customizable firewall security levels Intrusion detection and prevention Demilitarized Zone (DMZ) Multilevel access policy |

BESTELLINFORMATIONEN

| MODEL | DESCRIPTION |
|---------|--|
| 1001224 | TG3442SP/CE, WIRELESS 2-LINE GATEWAY, DOCSIS 3.1, 2X2,EURODOCSIS 3.0, 32X8, 802.11AC,85 MHZ, 220 VAC ADAPTER |