

ARRIS TG9452

DOCSIS 3.1 CABLE VOICE GATEWAY

FEATURES

- 2x2 OFDM and OFDMA DOCSIS® 3.1 channels
- 32x8 SCQAM DOCSIS® 3.0 channels
- Dual Band Concurrent 4x4:4 5GHz 802.11ax radios
- 1 nBase-T 2.5Gbps Ethernet port
- 2 port Gigabit Ethernet Router
- Switchable upstream filters for 42MHz or 85MHz operation
- Full Capture Bandwidth Tuner
- MoCA® 2.0 (with channel bonding) for in Home Video and Data distribution over Coax
- Multiple SSID support with DFS channels and Dynamic Channel change
- Multiple operator controlled configuration options



PRODUCT SPECIFICATIONS

GENERAL

Access Technology	DOCSIS 3.1
Channel Bonding	2x2 OFDM/A Up to 32x8 SC-QAM
Diagnostic LEDs	Internet Link/Activity Power WPS Wi-Fi
Ethernet Ports	1 x 2.5 GigE 2 x GigE
Interfaces	1x RJ45 (10/100/1000/2500 nBase-T) 2x RJ45 (10/100/1000 Base-T) 'F' type connector
RF Downstream Frequency Range	108-1002 MHz
RF Downstream Bonded Channels, quantity	Up to 32 SCQAM or 2 OFDM
RF Downstream Input Sensitivity Level	-15 dBmV to 15 dBmV
RF Downstream Data Rate	Up to 5 Gb/s
RF Upstream Frequency Range	5-42 MHz or 5-85 MHz (switchable)
RF Upstream Bonded Channels, quantity	Up to 8 SCQAM or 2 OFDMA



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GENERAL CONT.

RF Upstream Output Level	54 dBmV (64 QAM, 4-8 upstreams) 57 dBmV (64 QAM, single upstream) 58 dBmV (16 QAM, single upstream) 65 dBmV (OFDMA)
RF Upstream Data Rate	Up to 1 Gb/s
Voice	Yes
Wi-Fi Interface Standard	IEEE 802.11ax
Wi-Fi Band	2.4 GHz 5 GHz
Wi-Fi Interface Standard at 2.4 GHz	4x4, 802.11ax
Wi-Fi Interface Standard at 5 GHz	4x4, 802.11ax

DIMENSIONS

Height	11.1 in.
Width	2.95 in.
Length	8.07 in.

ELECTRICAL SPECIFICATIONS

Input Voltage	12 VDC
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ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
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PACKAGING AND WEIGHTS

Weight, net	2.1 lbs.
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PRODUCT CLASSIFICATION

Regional Availability	North America
Product Type	Cable voice gateway