



ARRIS TG2482

DOCSIS 3.0 GATEWAY WITH DUAL-BAND 802.11AC WI-FI

FEATURES

- 24x8 Channel Bonding.
- 1Gbps Downstream support with internal Spectrum Analyzer
- DOCSIS® 3.0 certified design
- Full Capture Bandwidth Tuner
- IPv6 Logo Certified
- Multi Processor Technology with a 1.2GHz Application Processor
- 4 port Gigabit Ethernet Router
- 3x3 2.4GHz 802.11n
- 4x4 5GHz 802.11ac Wave 2
- MU-MiMO and Beamforming Support
- USB 2.0 Host Port
- Advanced Firmware support for IPV6, DS-Lite, and SoftGRE
- Two FXS lines of carrier-grade VoIP with HD voice support
- ARRIS HomeAssure™ Enabled



PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature °C	0 to 40°C
Operating Relative Humidity	5-85% (Non condensing)
Storage Temperature °C	-40 to 70°C
Dimensions (H x W x D) in.	9.29 in. x 5.9 in. x 2.44 in. (excluding 'F' connector)
Weight (lbs.)	1.54
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, Tel1, Tel2, WPS
Diagnostic LED's (Rear)	Ethernet Link/Speed
Front Switches	Wi-Fi On/Off, WPS



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PRODUCT SPECIFICATIONS

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
USB Interface	USB 2.0 Powered Host Port
Input Voltage (nominal)	12V DC
Input Current (max)	2.5 Amps

TELEPHONY

Supervisory Voltage	48 V DC nominal
Ringing Load Capacity	6 REN total; 3 per line
Provisionable High Loop Current Mode	Yes (40mA constant current source)
Codec Support	G.729, G.711, G.722

RF DOWNSTREAM

Bonded Channels	Up to 24
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	108MHz-1002MHz
Data Rate (Mbps Max.)	> 960 Mbps
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF UPSTREAM

Bonded Channels	Up to 8
Frequency Range (MHz)	5 to 42 or 5 to 85 MHz
Data Rate (Mbps Max.)	Up to 240
RF Output Level (dBmV)	+57 dBmV (64 QAM, single upstream) +54dBmV (64QAM, 4-8 upstreams) +58dBmV (16 QAM, single upstream) +56 dBmV (SCDMA, single upstream)