

ARRIS TM3402

DOCSIS 3.1 TELEPHONY MODEM

FEATURES

- 2x2 OFDM/OFDMA DOCSIS® 3.1 channels and/or 32x8 SCQAM DOCSIS® 3.0
- Full Capture Bandwidth Tuner
- Switchable US filter options include: 5-42MHz or 5-85MHz
- DS frequency range: 108-1002MHz
- Multi Processor Technology (ARM and ATOM based Application Processor)
- 4 Port Gigabit Ethernet LAN and 2 RJ-11 VoIP ports
- Support for NCS, Legacy SIP, and PacketCable™ 2.0/1.5/1.0 signaling
- Multiple L2VPN BSoD support with OAM extensions
- US and DS spectrum analyzer
- PNM based network monitoring and diagnosis



PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature °C	0 to 40
Operating Relative Humidity	5-85% (Non-condensing)
Storage Temperature °C	-40 to 70
Dimensions (H x W x D) in.	7.6 x 2.1 x 6.2
Weight (lbs.)	1.1
Diagnostic LED's (Front)	Power, US/DS, Online, Tel1, Tel2, Battery
Diagnostic LED's (Rear)	Ethernet Link/Speed

INTERFACES

RF Interface	1 External 'F' type connector
Data Interfaces (bridged)	4 x 10/100/1000 Base-T Ethernet RJ-45 connector
Home Port	2x VoIP RJ-11
Input Voltage (nominal)	12VDC, 2.5A (adapter) 100-240V, 50/60Hz, 0.8A



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PRODUCT SPECIFICATIONS

VOICE

Standards Supported	PC2.0/1.5/1.0, RFC-3261
CODECs Supported	G.711, G.722, G.729
FAX	T.38
REN Capability	5 REN/Line, 10 REN Total
Line Card Support	Flexible LC Templates

RF DOWNSTREAM

Bonded Channels	Up to 32 SCQAM and/or 2 OFDM
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	108-1002 (DOCSIS)
Data Rate (Mbps Max.)	5.0
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF UPSTREAM

Bonded Channels	Up to 8 SCQAM and/or 2 OFDMA
Frequency Range (MHz)	5-85 (DOCSIS)
Configurable Diplex Filter	42 or 85 options
Data Rate (Mbps Max.)	> 1.0
RF Output Level (dBmV)	+65 dBmV (64 QAM, single upstream) +57 dBmV (64 QAM, 4-8 upstreams) +65 dBmV (16 QAM, single upstream) +65 dBmV (OFDMA)