

ARRIS TM9202

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: 5-85MHz or 5-204MHz
- DS frequency range: 258-1218MHz
- Multi Processor Technology (BCM3390V)
- 1 Port 2.5 Gigabit Ethernet LAN and 2 RJ-11 VoIP ports
- Support for NCS and PacketCable™ 2.0 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	5-95% (Non-condensing)
Storage Temperature °C	-40 to 70
Dimensions (H x W x D) in.	7.1 x 2.4 x 6.0
Weight (lbs.)	1.0
Diagnostic LED's (Front)	Power, Online, Voice, Battery
Diagnostic LED's (Rear)	Ethernet Link/Speed

INTERFACES

RF Interface	1 External 'F' type connector
Data Interfaces (bridged)	1 x 100/1000/2500 Base-T Ethernet RJ-45
Telephone Interfaces	2x VoIP RJ-11
Input Voltage (nominal)	12VDC, 1.5A (adapter) 100-120V, 60Hz, 0.6A
Battery Telemetry	4-pin TBxxx interface



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PRODUCT SPECIFICATIONS

RF DOWNSTREAM

Bonded Channels	Up to 32 SCQAM and/or 2 OFDM
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	258-1218 (DOCSIS)
Data Rate (Mbps Max.)	5.0
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF UPSTREAM

Bonded Channels	Up to 8 SCQAM or 2 OFDMA
Frequency Range (MHz)	5-85 / 5-204 (DOCSIS)
Configurable Diplex Filter	85 or 204 options
Data Rate (Mbps Max.)	~ 2.3
RF Output Level (dBmV)	+57 dBmV (64 QAM, single upstream) +54 dBmV (64 QAM, 4-8 upstreams) +58 dBmV (16 QAM, single upstream) +65 dBmV (OFDMA)