



ARRIS DG2460

DOCSIS 3.0 WIRELESS GATEWAY

FEATURES

- 24x8 Channel Bonding
- Full Capture Bandwidth Tuner with Spectrum Analyzer
- DOCSIS® 3.0 compliant design
- Multi Processor Technology with a 1.2GHz Intel Atom Core Application Processor
- Internal 32 bit Data architecture for maximum speeds
- 4 port Gigabit Ethernet Wireless Router
- 3x3 Integrated Dual Band Concurrent 2.4GHz 802.11n and 5GHz 802.11ac High Power Radios
- USB 2.0 Host Port
- Internal Power Supply for Highest Reliability



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.	9.25 x 7.5 x 2.25 (excludes "F" connector)
Weight (lbs.)	1.4
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, WPS
Diagnostic LED's (Rear)	Ethernet Link/Speed

INTERFACES

RF Interface	External 'F' type connector
Data Interfaces (bridged)	4 x 10/100/1000 Base-T Ethernet (RJ-45 connector)
USB Interface	USB 2.0 Powered Host Port
Input Voltage (nominal)	115/220VAC, 50/60 Hz



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PRODUCT SPECIFICATIONS

RF UPSTREAM

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

WIRELESS

Frequency Range (MHz)	2.5GHz and 5GHz
System Transmit Power (2.4GHz)	+32dBm (MCS0), +30dbm (MCS7)
System Transmit Power (5GHz)	+32dBm (MCS0), +30dbm (MCS9)
Spatial Streams	3
Receive Levels	2.4GHz - <-90dBm 802.11n (MCS0), <-69dBm 802.11n (MCS7), HT20 5.0GHz - <90dBm 802.11ac (MCS0), <-60dBm 802.11ac (MCS9), VHT80
Antennas	3 combined transmit and receive per band

Note: WiFi power shown is the maximum supported by the product and subject to limitations in the country deployed.