

MODEL



WIRELESS GATEWAY

FEATURES:

- 32x8 Channel Bonding
- >1Gbps Downstream Throughput
- 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
- MoCA 2.0 for in Home Video and Data distribution over Coax
- USB 2.0 Host Port
- Internal Power Supply for Highest Reliability

PRODUCT OVERVIEW:

Operators are wanting to push the limits on DOCSIS[®] 3.0 support speeds beyond 1Gbps in todays competitive world. The DG3270 delivers on this performance combined with MoCA2.0 and its superior high power wide coverage 802.11ac Dual Band Concurrent wireless radios. This feature-packed unit is intended to serve as the hub of the subscribers network, connecting all IP capable devices (Internet, Data, Voice and Video) throughout the customers premises.

Residential gateway support has always been a concern of the operator. The DG3270 distinguishes itself with capabilities to minimize these support needs. Multiple provisioning methods (SNMP, Configuration File, Remote WebGUI access, TFTP, and TR-069/181) allow custom designed setups to be applied to monitor the end user more efficiently. Multiple remote access levels (User and Technician) also allow more ease and flexibility for manual configuration and control.

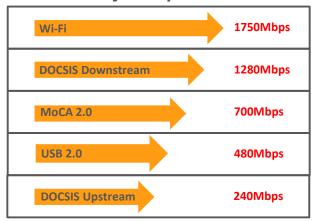
The DG3270 will help lead the future to advanced home and small office services.





ARRIS

Interface Speeds



Physical		RF Upstream	
Operating Temperature °C	0 to 40	Bonded Channels	Up to 8
Operating Relative Humidity	5-85% (Non condensing)	Frequency Range (MHz)	5 to 42 or 5 to 85 depending on mode
Storage Temperature °C	-40 to 70	Data Rate (Mbps Max.)	up to 240
Dimensions (H x W x D) inches	9.25 x 7.5 x 2.25 (excludes "F" connector)	RF Output Level (dBmV)	+57 dBmV (64 QAM, single upstream) +54dBmv (64QAM, 4-8 upstreams)
Weight lbs.	1.4		+58dBmV (16 QAM, single upstream)
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, MoCA, WPS	Wireless	+56 dBmV (SCDMA, single upstream)
Diagnostic LED's (Rear)	Ethernet Link/Speed	Frequency Range	2.5GHz and 5GHz
Interfaces RF Interface	External 'F' type connector	System Transmit Power (2.4GHz) System Transmit Power (5GHz)	+32dBm (MCS0), +30dbm (MCS7) +32dBm (MCS0), +30dbm (MCS9)
Data Interfaces (bridged)	4 x 10/100/1000 Base-T Ethernet (RJ-	Spatial Streams	3
USB Interface	45 connector) USB 2.0 Powered Host Port	Receive Levels	2.4GHz - <-90dBM 802.11n (MCS0) , <-69dBm 802.11n (MCS7), HT20
MoCA	MoCA2.0		5.0GHz - <90dBM 802.11ac (MCS0) , <-60dBm 802.11ac (MCS9), VHT80
Input Voltage (nominal)	115/220VAC, 50/60 Hz	Antennas (per band)	3 transmit, and 3 receive per band
RF Downstream		MoCA	
Bonded Channels	Up to 32	Frequency Range (MHz)	1150 – 1500
Tuner Configuration	Full capture tuning range	Network Channel Bandwidth (MHz)	100
Frequency Range (MHz)	108-1002 DOCSIS	Max Transmit Power (dBm)	+ 9 max (adjustable)
Data Rate (Mbps Max.)	Up to 1280	Transmit Power Shipped (dBm)	0
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS))	Max Phy Rate (Mbps)	700
		Application Data Rate (Mbps)	400+ bidirectional combined
Ordering Information		Application Data Nate (Mbps)	

to limitations in the country deployed.

804116 DG3270/NA-0, 42MHz Upstream, 804115 DG3270/NA-85.85MHz Upstream

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Note: The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.





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