

DG2460 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 OVERVIEW:

Operators are wanting to push the limits on DOCSIS 3.0 performance and the user experience delivered to the customer. The DG2460 with its superior 802.11ac Dual Band Wireless radios, can deliver this performance while also offering improvements in home coverage above that of other models. 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 DG2460 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.

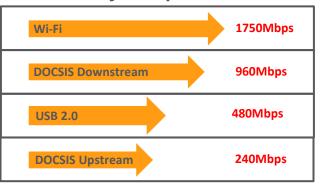
The DG2460 will help lead the future to advanced home and small office services.

DG2460 Wireless Gateway





Interface Speeds



Physical
Operati

ng Temperature °C 0 to 40

Operating Relative Humidity 5-85% (Non condensing)

Storage Temperature °C -40 to 70

Dimensions (H x W x D) inches 9.25 x 7.5 x 2.25 (excludes "F"

connector)

Weight lbs.

Diagnostic LED's (Front)

Power, US/DS, Online, 2.4GHz, 5GHz,,

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

RF Downstream

Bonded Channels Up to 24

Tuner Configuration Full capture tuning range

Frequency Range (MHz) 108-1002 DOCSIS

Data Rate (Mbps Max.) Up to 960

RF Input Sensitivity Level (dBmV) -15 to +15 (DOCSIS))

DE	11	pstream
IVI.	v	psti eaiii

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 Output Level (dBmV) +57 dBmV (64 QAM, single upstream)

+54dBmv (64QAM, 4-8 upstreams)

+58dBmV (16 QAM, single upstream)

+56 dBmV (SCDMA, single upstream)

Wireless

2.5GHz and 5GHz Frequency Range

System Transmit Power (2.4GHz) +32dBm (MCS0), +30dbm (MCS7)

System Transmit Power (5GHz) +32dBm (MCS0), +30dbm (MCS9)

Spatial Streams

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.

Ordering Information		
Model Description		
804106	DG2460A/NA. 110V Power Cord	
804095	DG2460A/CE, 220V Power Cord	

Copyright Statement: @ARRIS Enterprises, Inc. 2014 All rights reserved. No part of this publication may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from ARRIS Enterprises, Inc. ("ARRIS"). ARRIS reserves the right to revise this publication and to make changes in content from time to time without obligation on the part of ARRIS to provide notification of such revision or change. ARRIS and the ARRIS logo are all trademarks of ARRIS Enterprises, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of

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