

Insumos para Telecomunicaciones CATV - CCTV - HFC - FTTH

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WIRELESS GATEWAY





FEATURES:

- 24x8 Channel Bonding
- Full Capture Bandwidth Tuner
- Multi Processor Technology with a 1.2GHz Intel Atom Core Application Processor
- DOCSIS[®] 3.0 and PacketCable[™] 2.0 compliant design
- 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
- Two FXS lines of carrier-grade VoIP with HD voice support
- Internal Power Supply for Highest Reliability
- Battery backup

PRODUCT OVERVIEW:

Operators are wanting to push the limits on DOCSIS 3.0 performance and the user experience delivered to the customer. The TG2472G with its superior 802.11ac Dual Band Wireless radios, USB, and MoCA 2.0 interfaces 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 TG2472G 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.

TG2472G Wireless Gateway

Data Rate (Mbps Max.)

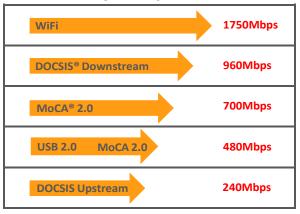
RF Input Sensitivity Level (dBmV)

Up to 960

-15 to +15 (DOCSIS))

1 - USB 2.0 Host Port 2 Lines Telephony 4 ports ())) (CONTRACTOR 10/100/1000 i weistenen onen e 0 Internal Supply

Interface Speeds



TG2472G/NA-8, 42MHz Upstream, 8Hr Battery

	Speci	fications	
Physical		RF Upstream	
Operating Temperature °C	0 to 50	Bonded Channels	Up to 8
Operating Relative Humidity	5-85% (Non condensing)	Frequency Range (MHz)	5 to 42 or 85 depending on model
Storage Temperature °C	-40 to 70	Data Rate (Mbps Max.)	up to 240
Dimensions (H x W x D) in.	10.1 x 10.3 x 3.25	RF Output Level (dBmV)	+57 dBmV (64 QAM, single upstream)
Backup Capacity (not supplied)	4 cell 2.2AH Lithium-ion for 8 hours operation. (#718005 Battery Pack)		+54dBmv (64QAM, 4-8 upstreams) +58dBmV (16 QAM, single upstream)
Weight lbs	2.5 (With Battery included)		+56 dBmV (SCDMA, single upstream)
Battery Storage Temperature $^\circ C$	-20 to 60 Note: Storage above 77ºF (25ºC) will significantly reduce life of the battery and is not recommended.		
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, Tel1, Tel2, Battery, MoCA	Wireless Frequency Range	2.5GHz and 5GHz
Diagnostic LED's (Rear)	Ethernet Link/Speed	Transmit Power (from any antenna) 2.4GHz	+25.5dBm (MCS0), +24.5dbm (MCS7)
Interfaces RF Interface Data Interfaces (bridged) Analog Telephony Interface USB Interface	45 connector)	5GHz Spatial Streams Receive Levels	+25.5dBm (MCS0), +22.5dbm (MCS9) 3 2.4GHz - <-88dBM 802.11n (MCS0) <-71dBm 802.11n (MCS7), HT20 5.0GHz - <-84dBM 802.11ac (MCS0) <-57dBm 802.11ac (MCS9), VHT80
MoCA	MoCA2.0	MoCA	
Input Voltage (nominal)	115VAC, 50/60 Hz	Frequency Range (MHz)	1150 - 1500
Telephony		Network Channel Bandwidth (MHz)	50
Supervisory Voltage	48 Vdc nominal	Max Transmit Power (dBm)	+ 9 max (adjustable)
Ringing Load Capacity	10 REN total; 5 per line	Max Phy Rate (Mbps)	700
Provisionable High Loop Current Mode	Yes (40mA constant current source)	Application Data Rate (Mbps)	400+ bidirectional combined
RF Downstream			
Bonded Channels	Up to 24	Ordering Information	
Tuner Configuration	Full capture tuning range	Model Description 783937 TG2472G/NA-0. 42MHz Upstream. No Battery	
Frequency Range (MHz)	108-1002 DOCSIS		

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