

# ARRIS TG862 S/CE

## DOCSIS 3.0 RESIDENTIAL GATEWAY MODEM, 8X4 CHANNEL BONDING



- Multi Processor Technologie für höchste Performance
- DOCSIS 3.0 und PacketCable 1.1/1.5 konformes Design
- Upgrad auf PacketCable 2.0 möglich
- 4 Port Gigabit Ethernet Wireless Router
- Integriertes 2.4 GHz 802.11n WLAN
- USB 2.0 Host Port
- Verbessertes WebGUI Interface mit Techniker-Level-Zugang
- Unterstützt Firewall, Parental Control, L2TP, RIP, DHCP und mehr
- Bis zu 2 Kanäle für Carrier grade VoIP
- Multiple Protocol Support: PacketCable (NCS) und Session Initiation Protocol (SIP)
- Internes Netzteil für höchste Ausfallsicherheit

PHYSICAL		RF UPSTREAM	
Operating Temperature	41-122 (5-40)	Bonded Channels	Up to four
Operating Relative	5-85% (non condensing)	Frequency Range	5-42 (DOCSIS), 5-65
Storage Temperature °F (°C)	-40-158 (-40-70)	Modulation	QPSK, 8,16 ,32,64 & 128 QAM
Dimensions (H x W x D) cm	20.3x20.8x5 cm	Data Rate (Mbps Max.)	Up to 160
Weight lbs (kg)	1.6lbs, .73kgs	RF Output Level (dBmV )	ATDMA: +8-54 dBmV (32, 64 QAM)
Diagnostic LEDs	Power, DS, US, Online, Ethernet, Wi-Fi,Secure, Tel 1, Tel 2		+8-55 dBmV (8, 16 QAM), +8-58 dBmV (QPSK), S-CDMA: +8-53 dBmV
INTERFACES			
RF Interface	External "F" Type Connector	Automatic Level Adjust	Yes
Data Interfaces	4 x 10/100/1000 Base-T Ethernet (RJ-45 Connector)	Frequency Stability (kHz)	±5
Telephony Interface	Two Lines; RJ-14 ("Line 1/2"), RJ-11 ("Line 2")	Output Impedance (Ohms)	75
USB interface	USB 2.0 Powered Host Port	WIRELESS	
Input Voltage (nominal)	100-240 Vac 50/60 Hz (Power Switch on "S" Model)	Transmit Power Output (EIRP)	18.5dBm +1.5/-1.5dB 802.11g (6mbps); 13.5dBm +1.5/-1.5dB 802.11n (MCS 7)
TELEPHONY			
Supervisory Voltage	48 Vdc nominal	Receive Levels	>-90dBm 802.11b 11mbps; >-76dBm 802.
Maximum Loop Length to CPE	1000 ft (457M) of 26 AWG (0.4 mm) wire		11g 54mbps, >-76dBm 802.11n HT20 MSC7
Ringing Load Capacity	10 REN total; five per Line	Frequency Range	2400-2483.5 MHz
Telcordia™ GR 1089 (LightningAnd Power Surge) Tested	Yes	STANDARDS	
Programmable Interface for Worldwide Applications	Yes (supports Multiple Country Templates)	DOCSIS 3.0, EuroDOCSIS 3.0	IEEE 802.3, IEEE 802.3ab, IEEE 802.3x
		PacketCable 1.0 & 1.5	IEEE 802.1p, IEEE 802.1Q
		Eurocable PacketCable 1.0 & 1.5	IEEE Std. 802.11b, 1999 Edition

RF DOWNSTREAM		Codec: G.711, 64 kbps, $\mu$ and A-law encoded speech	IEEE Std. 802.11g, 2002 Edition
Bonded Channels	Up to eight	Enhanced codec firmware	IEEE Std. 802.11n
Frequency Range (MHz)	108-1002	support (G.726, G.828, G. 729E)	UL® 60950
Carrier Bandwidth (MHz)	6 (DOCSIS), 8 (EuroDOCSIS™)	T.38 Fax Relay	FCC Part 15 Class
Modulation (QAM)	64 or 256	Wi-Fi Alliance Certified	CE
Data Rate (Mbps Max.)	Up to 320 DOCSIS, Up to 420 EuroDOCSIS	ROHS	
RF Input Sensitivity Lvl. (dBmV)	-15-15		