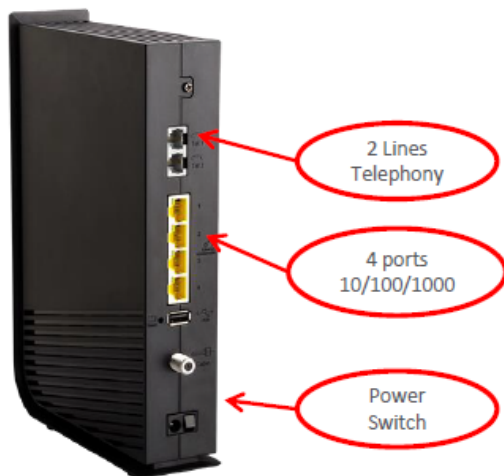


# ARRIS TG2492 S/CE

## DOCSIS 3.0 WIRELESS KABEL-GATEWAY

- 24x8 Channel Bonding
- 1Gbps Downstream Support mit internem Spektrum-Analysator
- DOCSIS und EuroDOCSIS® 3.0 konformes Design
- Dual Mode Scanning Support
- Full Capture Bandwidth Tuner
- Mu6 Processor Technology mit einem 1.2 GHz Intel Atom Core
- Application Processor
- 4 Port Gigabit Ethernet Router
- 2x2 2.4 GHz 802.11n Radio
- 3x3 5 GHz 802.11ac High Power Radio
- USB 2.0 Host Port
- Advanced Firmware Support für IPV6, DS-Lite und SodGRE
- Zwei FXS Kanäle für VoIP mit HD Voice-Unterstützung



### Interface Speeds

WiFi	1600Mbps
DOCSIS Downstream	1334Mbps
USB2.0	480Mbps
DOCSIS Upstream	240Mbps

## NETZGERÄT

- 12 V DC
- 2,5 A
- 30 W

## SPEZIFIKATIONEN

<b>PHYSICAL</b>	
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) mm	236 x 160 x 52 (excludes "F" connector)
Weight kgs.	0.7
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, Tel1, Tel2, WPS
Diagnostic LED's (Rear)	Ethernet Link/Speed
Front Switches	WPS
<b>INTERFACES</b>	
RF Interface	External 'F' type connector
Data Interfaces (bridged)	4 x 10/100/1000 Base-T Ethernet (RJ-45 connector)
Analog Telephony Interface	2 lines; RJ-11
USB Interface	USB 2.0 Powered Host Port
Input Voltage (nominal)	12VDC
Input Current (max)	2.5Amps
<b>TELEPHONY</b>	
Supervisory Voltage	48 Vdcnominal
Ringing Load Capacity	6 REN total; 3 per line
ProvisionableHigh Loop Current Mode	Yes (40mA constant current source)
Codec Support	G.729, G.711, G.722
<b>RF DOWNSTREAM</b>	
Bonded Channels	Up to 24, (Option for 16)
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	108-1002
Data Rate (Mbps Max.)	> 1 Gbps
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS))
<b>RF UPSTREAM</b>	
Bonded Channels	Up to 8, (Option for 4)
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)
<b>WIRELESS 2.4GHZ</b>	
Transmit Power (from any antenna)	+20dBm (802.11n MCS0, HT20) +15dBm (802.11n MCS7, HT20)
Spatial Streams	2
Receive Levels	<-85dBm 802.11n (MCS0,HT20) <-68dBm 802.11n (MCS7, HT20)
Antennas	2 transmit and 2 receive
<b>WIRELESS 5GHZ</b>	
Transmit Power (from any antenna)	+21dBm (802.11ac MCS0,VT20) +18.5 dBm (802.11n MCS7,HT40)
Spatial Streams	3
Receive Levels	<-87dBm 802.11ac (MCS0,VT20) <-65dBm 802.11n (MCS7,HT40) <-54dBm (802.11ac, MCS9,VHT80)
Antennas	3 transmit, and 3 receive (per band)

## BESTELLINFORMATIONEN

<b>MODELL</b>	<b>BESCHREIBUNG</b>
804007	TG2492S/CE,65MHz Upstream, 220VAC Adapter, CEE7/16 Kabel
804008	TG2492S/CE-85,85MHz Upstream, 220VAC Adapter, CEE7/16 Kabel