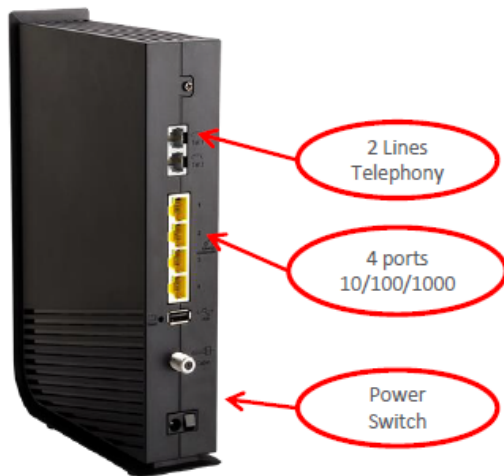


# COMMSCOPE TG2492 S/CE

## DOCSIS 3.0 WIRELESS 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

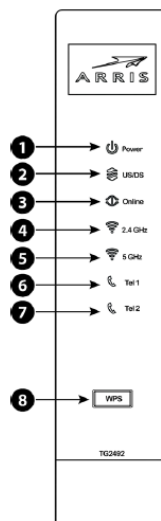


### Interface Speeds

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

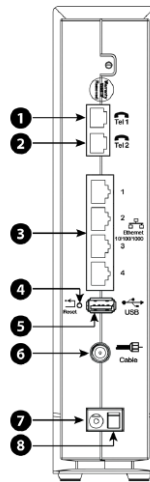
## GERÄTE-VORDERSEITE

1. Power LED
2. US/DS LED
3. Online LED
4. Wi-Fi 2,4 GHz LED
5. Wi-Fi 5 GHz LED
6. Tel 1 LED
7. Tel 2 LED
8. WPS-Taste/LED



## GERÄTE-RÜCKSEITE

1. Telephone Port 1
2. Telephone Port 2
3. Ethernet Ports 1–4
4. Reset Button
5. USB Port
6. Cable Connector
7. Power Jack
8. Power Switch



## SPEZIFIKATIONEN

PHYSICAL	
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
INTERFACES	
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
TELEPHONY	
Supervisory Voltage	48 Vdc nominal
Ringing Load Capacity	6 REN total; 3 per line
Provisionable High Loop Current Mode	Yes (40mA constant current source)
Codec Support	G.729, G.711, G.722
RF DOWNSTREAM	
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)
RF UPSTREAM	
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)
WIRELESS 2.4GHZ	
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
WIRELESS 5GHZ	
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)