



FEEL THE WONDER

## ACCESS CABLE GATEWAY

CGA4233 (VOO)  
Dual-Band Wi-Fi 5  
Smart Ultra-Broadband Cable Gateway with Voice  
for above Gigabit Speeds



### CGA4233 Networked ports

Networked Port is a network interface providing a permanent connectivity and having the capability on trigger reception to wake up the equipment from a specific low power mode called Networked Standby Mode. The CGA4233 networked ports are: the DOCSIS modem, 4 GE Ethernet LAN ports, 2.4GHz 802.11n and 5GHz 802.11ac WAN wireless access point and 2 FXS.

### Wireless interface activation/deactivation

The end user may deactivate its 2.4Ghz / 5Ghz / both 2.4GHz and 5GHz by below:

- Enter GUI (Graphical User Interface)
- Enter 192.168.0.1 and Enter Click
- Submit with the correct username/password information

Bellow is the version display in the web UI Status



### Features at a glance

- DOCSIS® 3.1 Certified
- Backward compatible with DOCSIS®/EuroDOCSIS® 3.0
- 2 x 2 OFDM(A) bonded channels in DOCSIS 3.1 mode
- 32 x 8 bonded channels in DOCSIS/EuroDOCSIS 3.0 mode
- Automatic switchable diplexer for up- and downstream
- Up to 1.2 GHz full band capture tuner
- Built in RF spectrum analyzer
- 4 GE LAN ports
- Dual-band concurrent Wi-Fi (with high power optional)
  - 2.4 GHz (3x3) Wi-Fi 4 (IEEE 802.11n)
  - 5 GHz (4x4) Wi-Fi 5 (IEEE 802.11ac)
- Hotspot GRE, Passpoint™
- 2 FXS ports for phone or fax
- Voice (Euro)PacketCable™ 2.0 & 1.5 and SIP compliant
- 1 superspeed USB 3.1 Gen 1 master port
- Future-proof full service platform
- SNMP and TR-069 remote management
- Dual stack IPv4 and IPv6 DS-Lite enabled

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Click System, DOCSIS State and System Software version information are shown on the webUI like below:

The screenshot shows the VOO webUI interface. The top navigation bar includes 'ENGLISH' and 'LOGOUT'. The main content area is titled 'Status of your Wifi modem' and contains a 'Set up your modem' section with the following items:

- Wi-Fi: ACTIVE (WiFi Status 2.4GHz [YOO-SCFX3KE] Enabled)
- Internet: ACTIVE (WiFi Status 5GHz [YOO-SCFX3KE] Inactive)
- Coaxial network: CONNECTED (WiFi Status 2.4GHz [Tch-Guest3-2.4] Inactive)
- Phone: INACTIVE (WiFi Status 5GHz [Tch-Guest4-5] Inactive)
- About your modem

A warning message states: 'Your guest 2.4GHz and guest 5GHz WiFi networks are disabled. To reactivate them, please click on the button "Configure your modem" above and go to the tab "Wireless" located on the top of the screen.'

Below this is a section titled 'A problem with your connection?' with advice to power cycle the modem and contact support at 078 50 50 50.

The second screenshot shows the 'DOCSIS State' page with the following table:

Item	Status
Initialize Hardware	Completed
Acquire Downstream Channel	Completed
Upstream Ranging	Completed
DHCP Bound	Completed
Set Time-of-Day	Completed
Configuration File Download	Completed
Registration	Completed
CM Status	Operational

The screenshot shows the 'System Software' page with the following details:

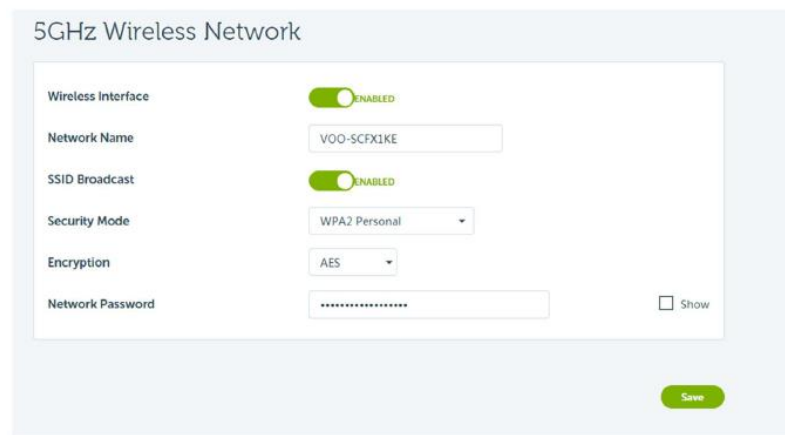
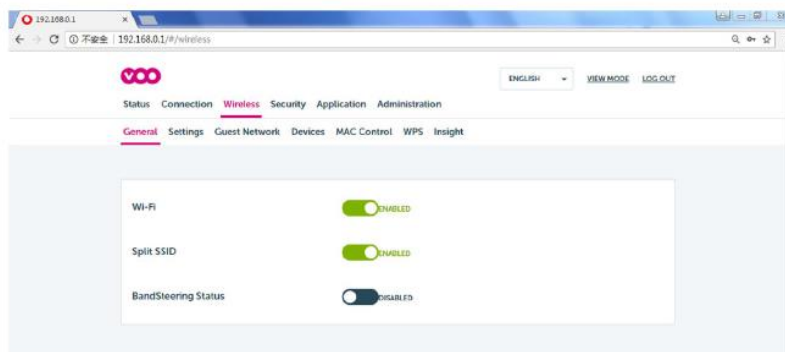
Model Name	CGA4233VOO
Vendor	Technicolor
Serial Number	CP1801KA000
Firmware Version	CGA4233VOO-19.1.838-001_dbg
Firmware Build Time	2020-06-19 16:46:44
Bootloader Version	3.62.19.22
Local Time	2020-06-19 17:57:40
System Uptime	D:0 H:0 M:3 S:46

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Then choose Wireless, choosing to enable or disable 2.4GHz/5GHz by selecting button, Green is on, White is off, and click Save once it's done



**Power consumption and time to switch in networked standby**

The table below provides CGA4233 power consumption in various mode and the time needed by the equipment to switch from On Mode to a specific Networked Standby Mode.

Mode Description	Power Consumption	Time to Switch in Networked Stdby
Off mode	0.0625W	NA
<b>Networked standby mode with all wired networked ports connected and all wireless networked activated</b>	8.68W	<10min
<b>Networked standby mode with only DOCSIS modem is connected in 1x1 mode and all other wired and wireless ports disconnected or deactivated</b>	6.08W	<10min
<b>Networked standby mode with only LAN Ethernet port connected and all other wired and wireless ports disconnected or deactivated</b>	6.18W	<10min
<b>Networked standby mode with only eMTA1 port connected and all other wired and wireless ports disconnected or deactivated</b>	6.12W	<10min
<b>Networked standby mode with only Wi-Fi 2.4GHz networked port activated and all other wired and wireless ports disconnected or deactivated</b>	7.14W	<10min
<b>Networked standby mode with only Wi-Fi 5GHz networked port activated and all other wired and wireless ports disconnected or deactivated</b>	7.76W	<10min