

TECHNICOLOR TC 7200

Wireless und Voice Kabelmodem Gateway / Wireless and Voice Cable Gateway

- EuroDOCSIS® 3.0 certified
- Dual mode DOCSIS/EuroDOCSIS®
- Backward compatible with DOCSIS/EuroDOCSIS® 2.0 (and older)
- Voice EuroPacketCable™ 1.5 certified
- Full band capture
- 4 GE LAN ports
- Wireless networking on-board: IEEE 802.11b/g/n (2.4 GHz and 5 GHz simultaneously)
- 2 FXS ports (RJ-11)
- 1 USB master port
- Reliable high-performance platform
- Voice CLASS features
- Advanced security features
- MPEG2 over IP encapsulation solution
- IPv4 and IPv6 support
- Digital Media Server Sharing (DNLS 1.5)



Spezifikationen/ Specifications

Cable Certifications		Transmitter Specifications	
Data	EuroDOCSIS® 3.0 certified	Upstream modulation	QPSK and 8, 16, 32, 64 and 128 QAM
Voice	EuroPacketCable™ 1.5 certified	Upstream frequency range	5 - 65 MHz
CMTS interoperability	Any qualified EuroDOCSIS® / DOCSIS® CMTS	Max. upstream data range	131 Mbps (theoretical) (32.78 Mbps x 4 channels)
Receiver Specifications		Hardware Specifications	
Downstream modulation	QAM 64/256	No. of upstream channels	4
Downstream frequency range	108 - 1002 MHz	Channel bandwidth	200, 400 and 800 kHz, 1.6, 3.2 and 6.4 MHz
Max. downstream data range	440 Mbps (theoretical) (55.61 Mbps x 8 channels)	Output impedance	75 Ohm
Capture windows	Full Band Capture: possibility to have any of the 8 downstream channels over the full EuroDOCSIS® spectrum	Interfaces WAN	1 RF connector F-Type
No. of downstream channels	Up to 8	Interfaces LAN	4-port auto-MDI/MDI-X 10/100/1000 Base-T port Ethernet LAN switch (RJ-45) 2 FXS POTS ports (RJ-11) 1 USB 2.0 master port Wi-Fi IEEE 802.11b/g/n on board
Input signal level range	-15 dBmV / + 15 dBmV	Interfaces other	WPS button Reset button
Input impedance	75 Ohm	Dimensions	220 x 165 x 42 mm (8.7 x 6.5 x 1.6 in.)
Telephony Specifications		Power supply	120-240 VAC, 50-60 Hz
Audio codecs	PCM A-law, PCM μ-law, G.729, G.729a, G.729e, G.728, iLBC and BV16	Operating temperature	0° to 40° C (32° - 104° F)
Multi-line phone support	2 phone lines, 3-party conference calls, Supports two complex voice codecs simultaneously	Operating humidity	20 % to 90 % non-condensing
Fax relay	T.38	Storage temperature	-20° to 70° C (-4° - 158° F)
DTMF tone relay	RFC2833	Software Specifications	
Caller ID	Type I and Type II	Downloadable software	
CLASS features	Basic and extended CLASS features	Multiple client support	254
Echo cancellation	G.65 / G.168 up to 16 ms	Quality of Service	32 DSIDs and 32 US Service Flows
Packet tone	DTMF generation / Call progress generation / Custom tone generation	Security	BPI+
Call discrimination	Fax and modem detection	HTTP server	
Telephony interface capabilities	Loopback and on-demand diagnostics	Wireless Specifications	
Modems	Up to V.90 (38.5 kbps)	Wi-Fi IEEE 802.11b/g/n access point Wi-Fi certified®	
RFC2833 DMTF tone relay	Enabled / disabled via SNMP	Full dual concurrent Wi-Fi with 2.4 GHz (2x2) and 5.0 GHz (2x2) support*	
REN	5 REN	WPA(2)™-personal support of Temporal Key integrity Protocol (TKIP), IEEE802.1x port-based authentication with RADIUS client	
Pulse dialing	DTMF/pulse tones and pulse/DTMF tones conversion	Wi-Fi Protected Setup (WPS™)	
RTP layer	RFC1889 / RFC1890	Up to 16 virtual SSID APs support	
RTCP statistics collection		Security and service segregation per SSID	
PacketCable protocols	PacketCable™ NCS Network-based call signaling protocol (PKT-SP-EC-MGCP) SIP protocol by software upgrade	Up to 250 Mbps data rates	
SIP based protocols		4 internal antennas (external antennas optional)	