

TECHNICOLOR TCM 471

Docsis 3.0 Kabelmodem / Docsis 3.0 Cable Modem

- **(Euro)Docsis 3.0**
- **Dual-Mode Cable Modem (Docsis und EuroDocsis)**
- **Channel Bonding mit bis zu 8 Downstream- und 4 Upstream-Kanälen /**
Channel Bonding of up to 8 downstream and 4 upstream channels
- **96 MHz Abstimmvorrichtung, vollkommen kompatibel mit EuroDOCSIS /**
96MHz tuner fully compliant with EuroDOCSIS
- **1 Gigabit Ethernet Schnittstelle /**
1 Gigabit Ethernet port
- **MPEG2 über IP Verkapselung Lösung /**
MPEG2 over IP Encapsulation solution
- **Leistungsstarke, zuverlässige Modem-Plattform /**
Reliable high-performance platform
- **Kraftvoller Prozessor und Architektur /**
Powerful processor and architecture
- **Supports IPv4 and IPv6**
- **Rückständig kompatibel mit EuroDocsis2.0 /**
Backward compatible with EuroDocsis2.0



Spezifikationen/ Specifications

Standards / Certifications		Software Features	
Data	EuroDOCSIS 3.0 certified	Software Downloadable	yes
CMTS Interoperability	Any qualified EuroDOCSIS and DOCSIS CMTS	Multiple Client Support	32
Receiver		Class of Services (CoS)	16 SIDs
Downstream Modulation	QAM 64/ 256	Protocol Filtering	Ethernet & IP
Downstream Frequency Range	88 – 1002 MHz	SNMP Management	V2, V3
Max. Downstream Data Range	440 Mbps (theoretical) (55.61 Mbps x 8 channels)	Security	BPI+
Capture Windows	96 MHz capture window with integrated dual tuner solution	HTTP Server (CM status)	yes
Number of Downstreams	up to 8	Local configuration	yes
Input Signal Level Range	-17dBmV - +13dBmV (64QAM) -13dBmV - +17dBmV (256QAM)	Through HTTP server	yes
Input Impedance	75 Ohm	Interfaces / Physical	
Transmitter		Giga Ethernet	1 x RJ45 10/100/1000 Base-T auto detect
Upstream Modulation	QPSK and 8, 16, 32, 64 and 128 QAM	RF Connector	1 x F-Type
Number of Upstreams	4	Buttons	Reset, on/off
Upstream Frequency Range	5-65 MHz	LEDs	Power, DS, US, Online, Link
Maximum Upstream Data Range	131 Mbps (theoretical) (32.78 Mbps x 4 channels)	Power Supply	External, 230 VAC 50 Hz
Channel Bandwidth	200, 400 and 800 kHz, 1.6, 3.2 and 6.4 MHz	Operating Temperature	0° to 40°C
Output Impedance	75 Ohm	Operating Humidity	20% to 90% non-condensing
Output Signal Level Range	A-TDMA: +68 to +118 dBμV @ QPSK, +68 to +115 dBμV @ QAM, 8/16, +68 to +114 dBμV @ QAM 32/64 SCDMA: +68 to +113 dBμV/ All	Storage Temperature	-20° to 70°C
PC Compatible		Safety	CE and CB
Operating Systems	Windows 2000, XP, Vista and 7		
Ethernet Port	10/100/1000 Base-T		
Drive	CD-ROM		