HomeVantage™ CM3500
DOCSIS 3.1 Cable Modem

COMMSCOPE®

HomeVantage™

FEATURES:

- 2x2 OFDM/OFDMA DOCSIS© 3.1 channels
- 32x8 SCQAM DOCSIS© 3.0 channels
- Full Capture Bandwidth Tuner
- Switchable US filter options include: 5-85MHz or 5-204MHz
- DS frequency range: 108/258-1218MHz
- Multi Processor Technology
- 1 Port 2.5 Gigabit Ethernet LAN
- Multiple L2VPN BSoD support with OAM extensions
- PNM based network monitoring and diagnostics
- DS / US spectrum analyzer functionality

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GENERAL SPECIFICATIONS

Physical	
Operating Temperature	0° to 40°C
Operating Relative Humidity	5-85% (Non-Condensing)
Diagnostic LEDs (Front)	POWER, DOWNSTREAM, UPSTREAM, ONLINE
Diagnostic LEDs (Rear)	Ethernet Link/Speed
Buttons (Rear)	Reset
Interfaces	
WAN	1 External 'F' Connector
Data Interfaces	1 x 100/1000/2500 Base-T Ethernet RJ-45 connector
Power	
Power Supply	External PSU; Input: 200-240V, 50-60Hz; Output: 12V, CE plug
Input Voltage (nominal)	12V DC
Input Current (max)	1A/12W

RF Downstream	
Bonded Channels	Up to 32 SC-QAM and/or 2 OFDM
Tuner Configuration	Full Capture Tuning Range
Frequency Range (MHz)	108/258 – 1218 (DOCSIS)
Data Rate (Gbps, Max)	2.5
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF Upstream	
Bonded Channels	Up to 8 SC-QAM and/or 2 OFDMA
Frequency Range (MHz)	5 – 85 / 5 – 204 (DOCSIS)
Configurable Diplex Filter (MHz)	85 or 204 options
Data Rate (Gbps Max)	2.5
RF Output Level (dBmV)	+57 (64QAM, single US) +54 (64QAM, 4-8 US) +58 (16QAM, single US) +65 (OFDMA)

ORDERING NUMBERS

1001725	CM3500B/CE-204, D3.1,108/258-1218 SWITCH DS DIPLEXER, 5-85/204 SWITCH US DIPLEXER,1-ENET(2.5G),EURO ADAPTER

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