

Mini CMTS

Greatway Technology's GmCMTS30 is a cost-effective indoor Mini CMTS with layer-2 switching capability in 19" 1RU chassis. Working with layer-3 switcher via RJ-45 port or SFP module, GmCMTS30 can deliver total 16 downstream channels of 800Mbps and 4 upstream channels of 160Mbps high-speed internet bandwidth. The GmCMTS30 can support up to 500 pcs DOCSIS2.0 or 400 pcs DOCSIS 3.0 Cable Modems online.



Features:

- Robust 19" 1RU chassis with built-in heat sink for long reliability
- Easy to use Mini CMTS with layer-2 switching capability
- Compatible with standard layer-3 switcher via RJ-45 port or SFP
- Supporting both DOCSIS2.0 and DOCSIS3.0 Cable Modem
- 4 upstream channels with bandwidth to 160Mbps
- 16 downstream channels with bandwidth to 800Mbps
- including 8 IPQAM channels that can be configured for VoD services
- Real-time Web management software for easy configuration and monitoring, supporting SNMP

Specifications:

Downstream Specification	
QAM standard	Annex A, B, C
QAM modulation	64QAM, 256QAM
Uni-Channel speed	<u>36M@64QAM</u> ; <u>51M@256QAM</u>
Downstream channels	16
Downstream maxi-speed	800Mbps
Downstream Frequency	87MHz ~1000MHz
Bandwidth	6MHz
Output RF Level	46dBmV (8 channels)
	41dBmV (16 channels)
RF Output adjusted step	0.5dB
Post-balance MER	42dB
External noise	<-20dBm
Upstream Channel Specification	
Upstream channels	4
Upstream modulation	QFSK, 16QAM, 64QAM
Uni-channel speed	0.32Mbps~40Mbps
Upstream highest rate	160Mbps
Upstream frequency range	5MHz~65MHz

Input level range	-13dBmV~+23dBmV
RF output specification	
RF IN interface	F connector, 75Ohm
RF IN mount	1 RFin
RF OUT interface	F connector, 75Ohm
RF OUT quantity	1 RFout
Data port specification	
Net port speed	10/100/1000Mbps
Net port type	1 RJ45 port and 1 SFP module port
Full speed support	Support
Management specification	
RS232 serial	Support
Command line (CLI)	Support
Telnet or SSH	Support
SNMPv1, v2, v3	Support
DOCSIS MIBs	Support
Other functions	
Maximum CM amount	511
Dynamic load balance	Support
DHCP delay	Option 82, Option 60
QoS	Support
VLAN process	Support
Environment specification	
Temperature	-25 Deg C~75Deg C
Humidity	10% - 90%
Power Supply	90 - 240V AC 50/60Hz
Power Consumption	<26W
Dimension (mm)	483×381×44