

## DB-CMTS8210 Compact Indoor CMTS



The indoor CMTS product follows the DOCSIS 3.0 standard. Using the full DOCSIS 3.0, MiniCMTS and user device fits international DOCSIS standard, effectively meeting the technical standard of future DOCSIS. This product supports 16 downstream QAM channels to 800Mbps; 4 upstream QAM channels to 160Mbps, fulfilling the broadband accessing of 960Mbps. It can support 511 Cable Modems online at the same time, fully compatible with the DOCSIS 2.0, 3.0 Cable Modem.

Small dimension interior design, size is only 260mm×331mm×57mm, and can be deployed in the limited space of the corridor or well.

### Feature

1. 1 SFP interface and 1 1000M LAN business port.
2. 1 100M LAN management port.
3. Build-in CATV signal mixer, 2in 2out.
4. Small dimension design, size is only 260mm×331mm×57mm.
5. Support built-in IPQAM module
6. External adapter, power supply is 12V/4A
7. Maximum output signal is 98dbuv
8. Upstream frequency range: 5-65MHz, downstream frequency range: 87~1000MHz

### Parameter

US channel specification	
QAM standard	Annex A , B, C
QAM modulation	64QAM , 256QAM
Uni-channel speed	36M@64QAM
	51M@256QAM
DS channels	16
DS maxi speed	800Mbps

Work frequency	87Mhz - 1000Mhz
Channel bandwidth	6 or 8Mhz
Input power	43dbmv ( 8 channels )
	38dbmv ( 16 channels )
Power adjusted step	0.5db
Post- balance MER	42db
External noise	<-20dbm
<b>US channel specification</b>	
US channels	4
US modulation	QFSK , 16QAM , 64QAM
Uni-channel speed	0.32Mbps - 40Mbps
US maxi speed	160Mbps
Input frequency range	5Mhz - 65Mhz
Input level range	=H21
<b>RF output specification</b>	
RF IN interface	F connector , 75
RF IN amount	2xRF in
RF OUT interface	F connector , 75
RF OUT amount	2xRF out
<b>Data port specification</b>	
Net port speed	10/100/1000Mbps
Net port type	1 RJ45 electric port/1 SFP module interface
Full speed support	Support
Built-in ONU module	Not support
<b>Management port specificaiton</b>	
RS232 serial	Support
Command line interface(CLI)	Support
Telnet or SSH	Support
SNMPv1 , v2 , v3	Support
DOCSIS MIBs	Support
<b>Other function</b>	
Maximum CM amount	500
Dynamic load balance	Support
DHCP relay	option82, option60
Qos	Support
VLAN process	Support

Environment specification	
Temperature	-25℃ - 75℃
Humidity	10% - 90%
Alone supply	90 - 264V
Power	<35w
60Vcentralized supply	Support optional
Size(mm)	260×331×57

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