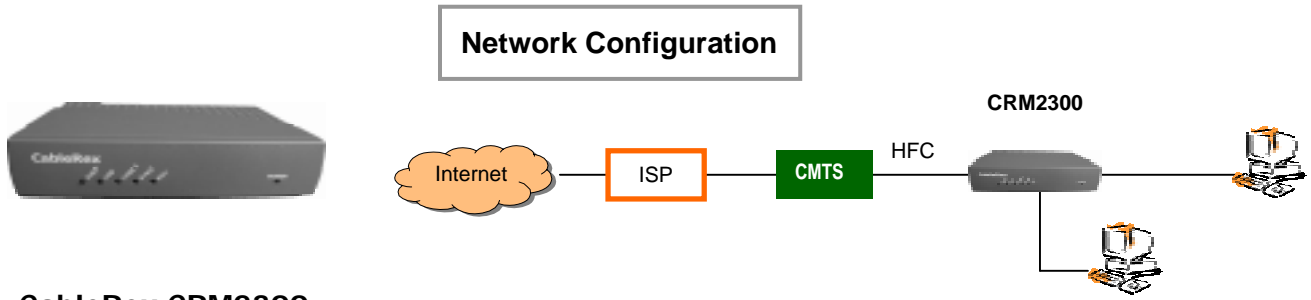


CRM2300 Cable Modem



CableRex CRM2300

가	CRM2300	가	100
Networking application data		video	
ISDN			
CRM2300	가	HFC	
	가		
* DOCSIS 1.0/1.1 Compliance			
CRM2300	MCNS	MCNS	CMTS
			CRM2300
			Internet
			가
*SPEED			
CRM2300	6Mhz downstream	42.88Mbps	,3200Khz upstream
	10.2Mbps		
*Variety			
	CRM2300	100Kbps	10Mbps
*Interface			
	10/100Base-T Ethernet	USB	Interface
*Multiple Users			
	10/100Base-T Ethernet	CRM2300	(1 16)
*Data Security			
	DES	RSA	upstream downstream
*Plug & Play			
CRM2300	가	Plug & Play	reset set configuration
	LED	가	

CRM2300 Specification

1. Cable Transmission		
	Downstream	Upstream
Operating Frequency	91 ~ 857MHz	5 ~ 42 MHz
Modulation Format	64 QAM / 256QAM	QPSK / 16QAM
Data Rate	Maximum 30Mbps / 64 QAM 40Mbps / 256QAM	Maximum 5.12Mbps / QPSK 10.24Mbps / 16QAM
Bandwidth	6MHz	200KHz,400KHz,800KHz,1.6MHz,3.2MHz
Forward Error Correction	Viterbi/Reed Solomon, ITU J.83 Annex B	Reed Solomon
Symbol Rate	64 QAM : 5.056941Msym/sec 256 QAM : 5.360537Msym/sec	160, 320, 640, 1,280, 2,560Ksym/sec
Bit per Symbol	64 QAM : 6bit / 256 QAM : 8bit	QPSK : 2bit / QAM : 4bit
Signal Level Range	-15dBmV ~ 15dBmV	8~58 dBmV/QPSK, 8~55dBmV/QAM
Carrier to Noise Ratio	64QAM: BER < 10 ⁻⁸ @Es/No 23.5dB 256QAM: BER < 10 ⁻⁸ @Es/No 30dB	

2. Network Features	
CPE MAC Protocol	IEEE 802.3 Ethernet
RF MAC Protocol	MCNS/DOCSIS 1.0 / 1.1
Network Protocols	IP, ICMP, ARP, RARP
Transport Protocols	TCP, UDP
Application Protocol	SNMP, TFTP, DHCP
Network Management	SNMP V1 / V2
Quality of Service (QoS)	H/W and S/W DOCSIS 1.0 / 1.1
Security	DES Decryption/Encryption

3. Physical / Mechanical	
Interface To CPE	RJ-45 10/100Base-T or USB
LEDs	Power, PC, Downstream, Upstream, SYNC, Ready
Dimension	150mm x 115mm x 35mm (W x L x H)
Mount	Horizontal
Power Supply Adapter (Output)	DC 6.2V / 1.5A
Power Supply Adaptor (Input)	110 ~ 220V AC, 60 Hz
Cable Connector	F Type female 75 ohm
Power Consumption	Less than 8W