



DVB-RCS (VSAT Terminal)

OpenRCS 4800R

- ☑ OS: Linux Kernel
- ☑ Protocol : TCP/IP, UDP/TCP, Unicast, Multicast, SNMP, IGMP, NAT
- ☑ Cache
- ☑ HTTP Prefetch, Authentication, Transparent Capturing
- ☑ IPSec
- ☑ Turbo Code
- ☑ TCP Acceleration
- ☑ Sync control
- ☑ Support min 4 carriers
- ☑ Automatic retry logon and watch dog
- ☑ Automatic logon process
- ☑ 1U Rack Unit(19" Rack)

Item		Features		
수신부	RF Tuner	Connector Type Nominal Input Impedance Input Symbol Rate Input Frequency Input Signal Level L/O Leakage at RF Input	F-Type Female 75 Ohm 45MSPS 950 MHz to 2150 MHz -65 dBm to -25 dBm -65 dBm	
	복조	Type Data Rate after MAC filtering	QPSK/8PSK (DVB-S/S2) Up to 60 Mbps	
	FEC(에러정정코드)	Viterbi Decoding Reed Solomon Decoding	1/2, 2/3, 3/4, 5/6, 7/8 (K=7) 204, 188, T=8	
	LNB	LNB Supply Voltage Max LNB Supply current Antenna and LNB Control	13V or 18V 400mV with short circuit and surge protection 22KHz tone	
송신부	변조	Type Output Symbol Rate Access Method	QPSK 0.125M, 0.25M, 0.5M, 1M, 2M, 4Mbps MF-TDMA(DVB-RCS)	
	FEC	Viterbi encoding RS encoding Turbo code	1/2, 2/3, 3/4, 5/6, 7/8 (K=7) 53, 69 T=8 1/2, 2/3, 3/4, 2/5, 4/5, 6/7	
	송신	Connector Type Output Frequency Nominal Output Impedance Output Signal Level ODU Power Supply ODU Reference signal Level ODU Reference Frequency	F type Female 950 MHz to 1450 MHz 75 Ohm 3 dBm 24V ±0.5V, 20W (external power supply up to 60W optional) 0 dBm 10 MHz±10 Hz	
SW/HW	Multi-protocol Encapsulation (MPE)	원격관리	BS/EN 61326-1	
	Datagram and Section Packing		Support console, telnet	
	Unicast/Multicast Filtering	Physical	Interface	RJ-45, RS232, 10/100BaseT
	Supports TCP/IP Protocols, TCP/IP routing		Main Memory	256 MB
			Flash Memory	64 MB
	LLC SNAP/NULL encapsulation		Size	440 x 270 x 44
		Downloadable Firmware	Operating Temp	-15 to 50°C
Storage Temp			-20 to 50°C	
	Humidity	0% to 95%		
	Power	100~240 VAC 50~60Hz		