

DMM-1000

Compact Modular Digital TV Headend

DMM-1000 is a compact modular digital TV headend that includes professional MPEG-2 and MPEG-4 AVC/H.264 SD/HD IRD, MPEG-2 and MPEG-4 AVC/H.264 SD/HD Encoder/Transcoder, Re-Multiplexer, QAM/COFDM Trans-Modulator, Dual Channel Analog Modulator, DVB Scrambler and so on. Within a 4U×19" chassis, it provides 8 slots for any type of modules and 2 redundant power supply units. Thanks for its flexibility and high density, DMM-1000 offers operators the advanced headend architectures in the marketplace for delivering analog and digital broadcast services to their subscribers. Coming with more new modules, DMM-1000 is most suitable for future multiple network architectures: streaming and multiplexing of digital content over IP based networks and conversion of digital content for analog networks.

Independent Hot-Swappable Functional Modules



Five hot-swappable fans assembly for longer MTBF



Redundant power supply unit



Main Feature

- DVB-S2/S, DVB-S, DVB-C, DVB-T2/T IRD modules with CI
- DVB-S/S2T/T2 to DVB-C QAM and DVB-T COFDM trans-modulator module
- MPEG-2, H.264 HD/SD encoder and trans-coder module
- 8 Way re-multiplexer module
- DVB Simulcrypt, BISS-1, BISS-E scrambler module
- Rich interface with ASI, IP, SDI, YPbPr, CVBS, XLR
- Web, SNMP Remote Control or handheld programmer unit local control
- 4RU 19"chassis compact modular design, supporting up to 8 modules
- Functional module hot-swappable
- Redundant power supply
- Intelligent cooling system with temperature
- Stand alone function of each module
- Cost-saving by backward compatible with new modules
- On site software update through IP

Product List

Product name	Model No.	Description
DMM-1000	RID	DMM-1510P Single channel HD IRD
		DMM-2200P Dual Channel HD IRD
		DMM-2410D 4-channel Demodulator
	Encoder Transcoder	DMM-1300EC Single Channel MPEG-2 SD Encoder
		DMM-1520EC Single Channel H.264 HD Encoder
		DMM-2400EC/2401EC 4-channel HD/SD Encoder/Transcoder
		DMM-2410EC/2411EC 4-channel H.264 HD Encoder
	Re-Multiplexer Scrambler	DMM-1400MX 8-way Re-multiplexer
		DMM-2200MX/2200DX Re-Multiplexer and Scrambler
		DMM-2200TP Dual Channel Scrambler
	Modulator Trans-modulator	DMM-1300TM QAM/COFDM Trans-modulator
		DMM-1400PM QAM/COFDM Trans-modulator
		DMM-2400TM 4-channel Trans-modulator
	Chassis Accessory	DMM-1000MF 4U chassis with 8 slots
		DMM-210MF 2U chassis with 8 slots
		DMM-1000CU Programmer Unit

Chassis

DMM-1000MF Main Chassis

- Standard 4 RU chassis with 8 slots for functional modules and 2 slots for Power Supplies
- Hot-backup power supply unit
- Intelligent cooling system with temperature sensor
- Wall mounted or Rack mounted
- Compatible with new successive modules
- Power Supply: AC 90V-250V, 150Watts, 50-60Hz
- Optional Build-in IP Switch
- Dimension: L=387mm, W=483mm, H=176mm (4U)
- Operating temperature: 0 ~ 45°C(for all modules)
- Storage temperature: -10 ~ 60°C(for all modules)



DMM-210MF Main Chassis

- Standard 1 RU chassis with 2 slots for functional modules
- 1 power supply
- Intelligent cooling system with temperature sensor
- Wall mounted or Rack mounted
- Compatible with new successive modules
- Power Supply: AC 90V-250V, 150Watts, 50-60Hz
- Dimension: L=387mm, W=483mm, H=44mm (1U)



DMM-1000CU Programmer Unit

- 2×20 LCD display screen and 6-key keypad
- No external power nor battery needed
- Easy and quick on site system configuration without PC
- Compatible with new modules
- Dimension 170×70×22 mm

