



digitalhorizon

# Modular Digital TV Headend System

Model: DMM-1000/2000



## System Overview

- DVB-S2/S, DVB-S, DVB-C, DVB-T2/T Demodulation modules with CI
- QAM, COFDM Trans-modulator modules
- MPEG-2, MPEG-4 AVC/H.264 Encoder and Trans-coder modules
- 8 Way Re-multiplexer Module
- DVB Simulcrypt, BISS-1, BISS-E Scrambler Module
- UDP, RTP Multicast/Unicast IP output, supports up to 32 independent channels
- Webpage Management or SNMP based Network Management System or and held Programmer
- Compact modular design, support 8 modules in 4U\*19" chassis and 2 modules in 1U\*19" chassis
- Hot-swappable modules
- Redundant power supply
- Intelligent cooling system
- Each module working independently
- Cost-saving by backward compatible with new module
- On Site software update through IP

[www.dh-tv.com](http://www.dh-tv.com)

Digital Horizon reserves the right to revise the specification without notice.

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## Main Racks



- 4RU rack with 8 slots for modules (could be extended to 9 slots by removing the spare power supply unit)
- 1RU rack with 2 slots for modules
- Hot-swappable power supply unit
- Intelligent cooling system
- Wall mount or rack mount
- Backward compatible with new modules
- Power Supply: AC 100V-260V, 50-60Hz
- Dimension: L=340mm, W=483mm, H=167mm (4RU rack)  
L=380mm, W=483mm, H=44mm (1RU rack)

## Handheld Programmer



- Local configuration and supervision of modules
- 2 x 20 LCD display and 6-key keypad
- No external power or battery needed
- Backward compatible with new modules
- Dimension 170 × 70 x 22 mm

## Functional Module List

Number	Model	Module Name
1	DMM-1500P	Professional Multi-format HD/SD IRD and Processor
2	DMM-1400P	Professional MPEG-2 SD IRD and Processor
3	DMM-2400D	Quad Professional Demodulator
4	DMM-1500EC	Professional H.264 SD/HD Encoder/Trans-coder
5	DMM-1300EC	Professional MPEG-2 SD Encoder
6	DMM-2400EC	Quad H.264 HD Encoder
7	DMM-1300MX	8x1 Re-multiplexer
8	DMM-2200MX	8x2 Dual Re-multiplexer
9	DMM-1300TP	DVB Scrambler
10	DMM-2200TP	Dual DVB Scrambler
11	DMM-1300TM	Digital Trans-modulator and Processor
12	DMM-2400TM	Quad Digital Trans-modulator and Processor