

# Professional MPEG2/H.264 HDMI 19" Rack Modulator



The Professional HDMI Digital Modulator for any application.  
All-in-one HDTV. Here today. Legacy friendly. Future Proof.

**1920 x 1080**

**HIGH DEFINITION**

**WEB GUI**

**NET MANAGEMENT**

**COMPLETE**

**LOCAL CONFIGURATION**

**MPEG2**

**19Mbps / CHANNEL**

**H.264 (MPEG4)**

**FUTURE READY**

**SUPERB**

**PICTURE QUALITY**

*Novonde*  
*Technology with style*

# Specifications

**1 HDMI**

**MODHD1M24**

**2 HDMI**

**MODHD2M24**

**4 HDMI**

**MODHD4M24**

	MODHD1M24	MODHD2M24	MODHD4M4
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## Video Encoding

	MODHD1M24	MODHD2M24	MODHD4M4
Encoding	MPEG 2 (MP@ML) H.264/AVC (MP@HL)	MPEG 2 (MP@ML) H.264/AVC (MP@HL)	MPEG 2 (MP@ML) H.264/AVC (MP@HL)
Input	<b>HDMI x 2 (1 active/switchable)</b>	<b>HDMI x 4 (2 active/switchable)</b>	<b>HDMI x 4</b>
Resolution	1920x1080_50i 1920x1080_60i 1280x720_50P 1280x720_60P	1920x1080_50i 1920x1080_60i 1280x720_50P 1280x720_60P	1920x1080_50i 1920x1080_60i 1280x720_50P 1280x720_60P

## Audio Encoding

Encoding	MPEG1 Layer II
Sample rate	48KHz
Bit rate	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps

## Modulation

Standard	EN300744
FFT mode	2K, <b>8K</b>
Bandwidth	6M, <b>7M</b> , 8M
Constellation	QPSK, 16QAM, <b>64QAM</b>
Guard Interval	1/4, 1/8, 1/16, <b>1/32</b>
FEC	1/2, 2/3, 3/4, 5/6, <b>7/8</b>
MER	>= 32dB (Australian COFDM configurations)
RF frequency	174-820MHz (Australian Ch. 6 ~ 69)
RF output level	79~99 dbμV, 0.1db step

## Configuration

Local interface	Complete Front Panel Control + LCD
Remote management	Web NMS
Language	English

## Physical Characteristics

Power supply	AC 100V-240V
Chassis Type	19" Rack Mount
Dimensions	482x455x44mm
Weight	3.2kgs
Operation temperature	0-45 degrees C

## Features

- » 1920x1080 HD support
- » MPEG2 or H.264 encoding (switchable)
- » Fully configurable bitrates (up to 19Mbps)
- » Powerful multiplex configuration
- » IPTV multicast compatible
- » VLC compatible IPTV (MPTS) stream
- » ASI bus, IPTV (RJ45), RF outputs
- » RF input/output combiner
- » Simple Logical Channel Numbers
- » Excellent modulation quality MER ≥ 30dB
- » RF Frequency range 174Mhz~820Mhz
- » LCD display & local configuration
- » 19" 1RU rack mounted chassis
- » Full metal chassis
- » IEC 240V AC input

## Front Panel Configuration

- » Simple presets for easy installation
- » Fool-proof LCNs/PIDs/Channel Names
- » Australian channel presets

## Web Browser Configuration

- » Remote configuration via ethernet
- » Backup/Restore saved configurations
- » Remote monitoring



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