

# Professional Integrated Standard Definition Digital Modulators



Professional Digital Modulators with CVBS,  
S-video & YPbPr Inputs.

All-in-one DVB-T & IPTV. Here today.

**Best of Class**

**PICTURE QUALITY**

**Web GUI**

**REMOTE MANAGEMENT**

**IPTV**

**STREAMING**

*Novonde*  
Technology with style

# Specifications

**Crisp & Clear**  
PICTURE QUALITY

**Web GUI**  
REMOTE MANAGEMENT

**IPTV**  
STREAMING

## MODSDYUV4

### Video Encoding

Encoding	MPEG 2 (MP@ML)
Input	<b>CVBS x 4 (R/L audio)</b> <b>S-Video x4</b> <b>YPbPr x 4</b>
Resolution	720*576_50i

### 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	LCD + control buttons
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

- » Component 576i YPbPr Inputs
- » S-video and Composite Inputs
- » Fully configurable bitrates
- » Powerful multiplex configuration
- » RF input/output combiner
- » ASI bus, IPTV (RJ45), RF outputs
- » Interchangeable input modules
- » Logical Channel Numbers
- » Excellent modulation quality MER ≥ 32dB
- » LCD display & local configuration
- » 19" 1RU rack mounted chassis
- » Well ventilated, pressed metal chassis
- » IEC 240V AC power input

### Web Browser Configuration

- » Remote configuration via ethernet
- » Backup/Restore saved configurations
- » Simplified Australian presets
- » Activate/deactivate channels
- » Deactivate front panel controls

### IPTV

- » IPTV unicast/multicast streams
- » VLC compatible IPTV (MPTS) stream
- » Simultaneous IP output

