



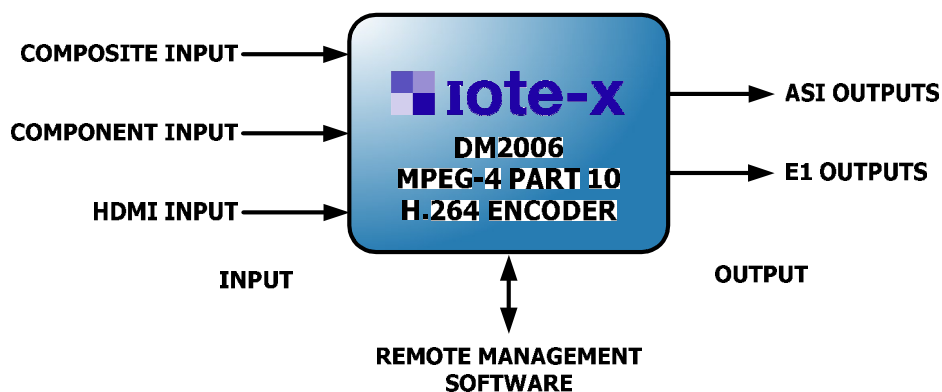
Iote-x DM2006 MPEG-4 Part 10 / H.264 Encoder

## Description:

The Iote-x DM2006 single channel MPEG-4 Part 10 / H.264 Encoder is a DVB compliant, broadcast level solution for Analogue to Digital signal conversion. The DM2006 unit offers a cost-effective, compact and effective product to handle the conversion of Audio and Video to a MPEG-4 ASI transport stream. Multiple Resolution options allow the operator to tailor the conversion as required to meet headend and network requirements. Using the DALVI Network Management software, units can be configured and managed remotely through an Ethernet network or directly through the front display panel.

## Features:

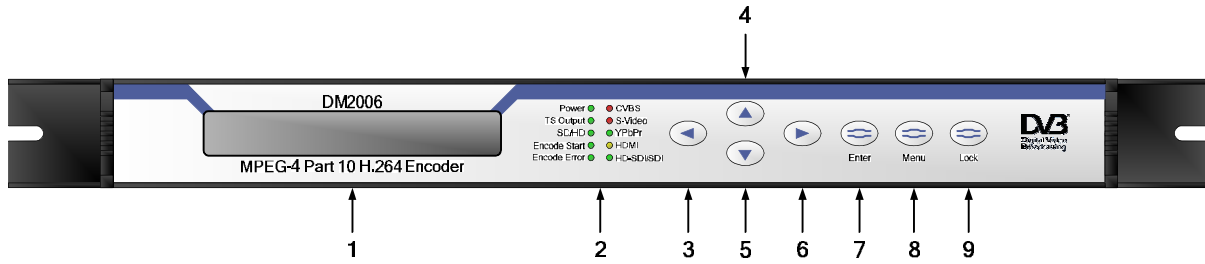
- Fully DVB Compliant
- Digital and Analogue Input Options
- Two ASI Output Ports
- Four E1 Output Ports
- Up to 20Mbps Output Rate
- Multiple Resolution Options including 720p and 1080i
- Remote Management Software through Ethernet network
- Robust and user-friendly interfaces.
- Remote Software Upgrade



Technetix Networks Ltd.

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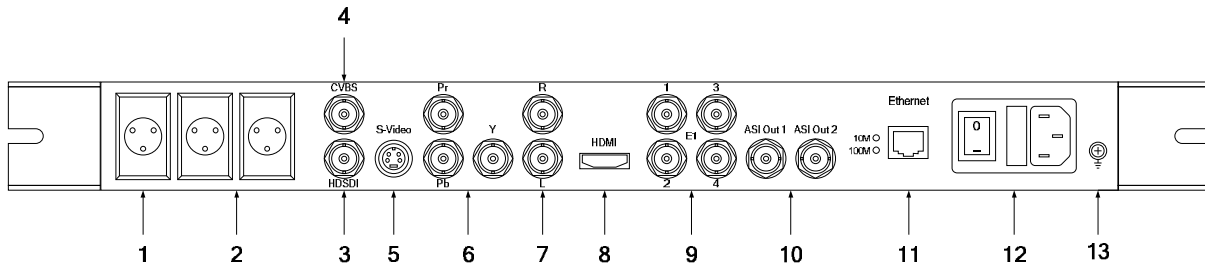
## Front Panel



- 1—LCD Display Panel
- 2—Signal Indicators
- 3—Left Control Button
- 4—Up Control Button
- 5—Down Control Button

- 6—Right Control Button
- 7—Enter Control Button
- 8—Menu Control Button
- 9—Lock Control Button

## Rear Panel



- 1—Digital Audio Input
- 2—Composite Audio Input (L+R)
- 3—HD Serial Digital Input
- 4—Composite Video Input
- 5—S-Video Input
- 6—Component Video Input
- 7—Baseband Audio Input (L+R)

- 8—HDMI Input
- 9—E1 Outputs
- 10—ASI Outputs
- 11—RJ45 Ethernet Port
- 12—Mains Power Supply
- 13—Earth Point

<b>Input</b>		<b>Output</b>	
Analogue Video Input:	CVBS SD (BNC) YPbPr HD (BNC) Balanced Audio Left + Right (XLR) Unbalanced Audio Left+Right (BNC)	Port:	2 x ASI Output Ports (BNC) 4 x E1 Output Ports (BNC) 1 x IP 100M (MPEG-2 Transport Stream over UDP/IP)
Digital Video Input	HD SDI—Audio Embedded (BNC) HDMI—Audio Embedded (HDMI)	Software Updates	Ethernet (TCP/IP)
Digital Audio Input	AES/EBU (XLR)		
Video Coding		General Features	
Compression:	4:2:0 Encoding MPEG-4 / AVC H.264, HP@I4, MP@L3	1RU box	
Aspect Ratio:	4:3, 16:9	Dimensions: 44mmx482mmx410mm	
Video Formats:	1080i, 720p	Weight: Approximate 5KG	
Resolutions:	1920x1080i, 1280x720p, 720x576, 720x480	Power: 50-60Hz AC 90V-260V	
Frame Rates:	25, 29.97 (1080i), 50,59.94 (720p)		
Encoding Bit Rate:	1 to 20Mbps (4:2:0 CBR or VBR)	Enviromental	
Audio Coding		Operating Temperature: 0 to 45°C	
Format:	MPEG-1, Layer II	Operating Humidity: 5% to 80%	
Sampling Rate:	48KHz	Storage Temperature: -20 to 80°C	
Monitor		Operating Humidity: 5% to 90%	
Local:	Seven buttons and a LCD		

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