

BM264 Series

H.264/MPEG-4/AVC HD & SD Encoder

SPECIFICATIONS

Video Encoding Format

HD Video Compression: H.264 MPEG-4 / AVC HP@L4

SD Video Compression: H.264 MPEG-4 / AVC MP@L3

Resolutions: 1920x1080p, 1920x1080i, 1280x720p, 720x576i, 720x480i

Frame Rates: 24 (1080p / 1080i), 25 (1080p / 1080i), 29.97 (1080p / 1080i), 50 (1080p / 1080i / 720p / 576i / 480i),
59.94 (1080p / 1080i / 720p / 576i / 480i)

Video Bitrate: 700kbps to 20 Mbps, CBR or VBR, 4Mbps or up recommended for HD video compressed

Audio Encoding Format

MPEG-1 Layer II @ 48 kHz Stereo

Video Inputs

HDMI HD/SD Video / Audio Signal Input

HD/ SD-SDI (1xBNC)

HD/SD YPbPr Component Video (3xBNCs)

SD Composite Video (1xBNC)



Audio Inputs

HDMI Embedded Audio

HD/SD-SDI Embedded Audio

Analog Balance Audio (2 x Coaxial)

Outputs

1000M TS over UDP/IP (RJ-45 Copper)

ASI Output (1xBNC) (Option)

Management Remote Control

100M Ethernet Management @ RJ-45.

Full features integrated with the management tools

Environmental Conditions

Input Voltage:

DC 9 ~ 24 Volt & 110 / 240 VAC 50/60Hz

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Storage Temperature: -20°C to 70°C (-4°F to 158°F)

Relative Humidity: 5% to 95%

Compliance

FCC CFR47 Part 15 Class A or B

CE marked with EN60065:2002+A11:2008

UL marked with 60950-1

All features and specifications are subject to change without notice.

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CHOOSE YOUR RIGHT ENCODER

		BM264-HD/P-D	BM264-HD/P-A	BM264-HD/P-H	BM264-HD/I-D	BM264-HD/I-A	BM264-HD/I-H	BM264-SD-D	BM264-SD-A	BM264-SD-H
ENCODING	HD 1080P	✓	✓	✓						
	HD 1080i	✓	✓	✓	✓	✓	✓			
	HD 720P	✓	✓	✓	✓	✓	✓			
	SD 576i / 480i	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIDEO INPUTS	HDMI	✓	✓	✓	✓	✓	✓	✓	✓	✓
	HD-SDI / 3G	✓								
	HD-SDI	✓			✓					
	SD-SDI	✓			✓			✓		
	COMPONENT		✓			✓			✓	
	COMPOSITE								✓	
AUDIO INPUTS	HDMI Embedded Audio	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SDI Embedded Audio	✓			✓			✓		
	Balanced Stereo Audio	✓	✓		✓	✓		✓	✓	
OUTPUTS	1000M IP Output	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ASI	OPTION			OPTION			OPTION		
NETWORK	100M Ethernet	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1000M Ethernet	✓	✓	✓	✓	✓	✓	✓	✓	✓



	BM3001 MINI Chassis Based	BM3013 3RU 19" Chassis Based
# of Slot Blade Supported (*)	2	17
Chassis's Dimension W x D x H (mm)	135 x 209 x 46 (Depth Including BNCs)	442 x 345 x 132 (Depth Including BNCs)
Weight (Approximate)	1200g / 2.64lbs	4000g / 8.8lbs (17 Slots Empty)
Input Voltage	External DC 9~24V	110 / 240 VAC 50/60Hz
Power Consumption (Depending on options fitted)	10W Max.	170W Max.
Hot-Swap Power Supply (BM-RPSU)	N/A	Supported
1RU 19" Rack Mountable Kit	Supported	N/A

(H) version occupies one slot. (A) or (D) version occupies two slots.
The weight and dimension does not include the package.

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To get the detailed information of BM264 H.264/AVC encoders and the products' support, please visit B&M MODERN MEDIA INC. web site www.bmserver.net or email us at bmsales@bmserver.net

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