

HD-SDI DIGITAL VIDEO RECORDERS



High Definition Digital Video for Surveillance

HD-SDI is proven technology from the broadcast industry, supporting up to Full HD resolution (1920 x 1080) at 30 FPS over standard coaxial cables.

HD-SDI is uncompressed video over coaxial cables with virtually no latency. It is not IP, so there is no need for costly storage on the edge in case the network goes down.

HD-SDI is 6 times the resolution of analog and in many cases existing cable infrastructure can be reused. It supports up to 300 feet over standard RG59 and with low-cost repeaters it supports well over 1000 feet.

Blue Mango's HD-SDI Digital Video Recorders series offer the highest quality and all come with our award winning support.

KEY FEATURES

- Supports Full HD (1920 x 1080)
- Records up to 7 FPS per channel at 1080p
- Main Profile H.264 Compression
- User-friendly GUI with multi-language support
- Up to 8TB of storage, more with e-SATA port for external storage
- iVMS (Video Management Software)
- Smart phone application (Android and Apple)

BMH04DVR

HD-SDI 4CH Digital Video Recorder

BMH08DVR

HD-SDI 8CH Digital Video Recorder

BMH16DVR

HD-SDI 16CH Digital Video Recorder

Specifications

MODEL	BMH04DVR	BMH08DVR	BMH16DVR
VIDEO INPUT			
Video Format	HD-SDI		
Compression	H.264 Main Profile		
Video Input	4 HD-SDI (BNC)	8 HD-SDI (BNC)	16 HD-SDI (BNC)
Resolution	1080i50/60, 1080p25/30, 720p25/30/50/60		
Max. Recording Frame Rates	1280 x 720 at 15fps per channel, 1920 x 1080 at 7fps per channel		
VIDEO OUTPUT			
VGA	1 VGA (Max. 1920 x 1080)		
HD-SDI	1 HD-SDI (Max. 1920 x 1080)		
HDMI	1 HDMI (Max. 1920 x 1080)		
AUDIO			
Input	4 Input RCA	8 Input RCA	16 Input RCA
Output	1 Channel Line and HDMI Output		
Compression	G.711		
RECORDING			
Modes	Continuous, Schedule, Sensor, Motion, Manual		
Quality	5 levels		
Pre-recording	15 - 20 seconds		
Post-recording	10 - 60 seconds		
Motion Detection	20 x 11 Grid		
STORAGE			
Internal	SATA HDD x2	SATA HDD x2	SATA HDD x4
External	1 e-SATA for Raid	2 e-SATA for Raid	2 e-SATA for Raid
Max. Capacity	4TB	4TB	8TB
BACKUP			
Clip Copy Storage	USB, External HDD, Network		
File Format	JPEG, Proprietary Format		
Remote Backup	CMS (AVI)		
SEARCH			
Search Mode	Time, Calendar, Event, Log, and Archive (Local and Remote search)		
Playback	Various Speeds		
Zoom	Zoom in specified ROI		
NETWORKING			
Ethernet Ports	One port 10/100/1000Mbps		
Protocols	RTP, RTSP, RTCP, HTTP, DDNS, NTP, SMTP		
COMMUNICATIONS			
Camera Control	RS-485 with PTZ Support & OSD		
POS	RS-232		
USB	2 x USB Ports		
Keyboard	RS-485		
Control Device	Keyboard, Mouse, Remote		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
LUNGUAGE SUPPORT			
Multi-language	English, Japanese, Spanish, Portuguese, French, and more		
SECURITY			
Multi-user	Admin and 3 Users		
SOFTWARE			
Firmware Upgrade	USB, Remote Network		
Operating System	Embedded Linux		
ENVIRONMENT			
Operating Temperature	0°C ~ 40°C		
Operating Humidity	20% ~ 80%		
Certifications	CE, FCC, KCC, RoHS		
ELECTRICAL			
Input Voltage and Current	12VDC, 5A	12VDC, 5A	100 - 240VAC, 50/60Hz, 6A
Power Consumption	20 W	20 W	280 W
MECHANICAL			
Dimensions	430 (w) x 315 (d) x 89 (h) mm	430 (w) x 315 (d) x 89 (h) mm	430 (w) x 430 (d) x 89 (h) mm
Weight	4.3 Kg (6.9 Kg)	4.5 Kg (7.2 Kg)	7.2 Kg (9 Kg)

Design and specifications are subject to change without notice.

DISTRIBUTED BY



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