

DVR200-008/016

8CH/16H H.264 D1 Real-time Digital Video Recorder



8/16CH, H.264, quadplex, D1 realtime recording, Full HD 1080p output, GUI, dual stream, Linux, USB, motion detection, mobile support

The DVR200-008/016 is an integrated H.264 digital video recorder (DVR) ideal for medium to large scale security projects. Capable of realtime recording at up to D1 resolution, the DVR combines the features of a time-lapse audio/video recorder, a multiplexer, and a video server altogether to create an all-in-one, high-performance DVR solution. Its outstanding quadplex operation enables users to view live video, search and playback any recorded footage by date, time or event, and to remotely access the unit on a PC via network, whilst the video recording is still ongoing concurrently without being interrupted.



Advanced H.264 Compression

The H.264 technology provides superb compression, which consumes much less network bandwidth and hard drive space compared to other standards without compromising image quality and transmission speed, while greatly increasing the amount of video evidence the user can archive.



Flexible Storage Management

The built-in storage supports up to 4 internal 3.5" SATA HDDs and 1 DVD-RW drive, offering adequate storage capacity or data backup for recorded video archive. It also supports USB2.0 and eSATA interfaces for expandable storage or data backup with external storage media, such as USB drives or external HDDs.



Full HD 1080P Output

The DVR200 Series offers Full HD 1080p with digital output connectivity, allowing the user to view real-time surveillance footage with superior, uncompressed digital video for the highest, crispest image quality on a 16:9 monitor screen.



Dual Stream Technology

The resolution, bit rate, frame rate, and other parameters of the output streams can be individually set to meet various requirements as the video feeds are recorded, managed or transmitted, enabling the user to adjust the stream settings in the most efficient manner to ensure optimized video surveillance operation.

Specifications

Model	DVR200-008	DVR200-016
Video		
Operating System	Embedded (Linux)	
Display Resolution	1024x768, 1280x1024, 1920x1080p	
Input	BNC×8, 1.0 Vp-p, 75 ohm	BNC×16, 1.0 Vp-p, 75 ohm
Main Output	Digital Display Output Main Monitor	1024x768, 1280x1024, 1920x1080p BNC × 1, 1.0 Vp-p, 75 ohm
Call Monitor	BNC × 1, 1.0 Vp-p, 75 ohm	
Video looping	BNC×8, 1.0 Vp-p, 75 ohm	BNC×16, 1.0 Vp-p, 75 ohm
Audio		
Input	Terminal Block x 8, Line-In	Terminal Block x 16, Line-In
Output	Main Audio Call Audio	RCA x1, Line-Out RCA x1, Line-Out
Compression Method	Proprietary	
Data Rate	8 KB/s, per CH	
Recording		
Compression Method	H.264	
Recording Mode	Schedule, Alarm, Motion Detection	
Pre-alarm	Yes	
Recording Rate	NTSC 720x480	Max 240 pps
	720x240	Max 240 pps
	360x240	Max 240 pps
	PAL 720x576	Max 200 pps
	720x288	Max 200 pps
	360x288	Max 200 pps
Recording Quality	8 Levels Presets, Adjustable	
Image Size	8 KB to 20 KB/Picture	
Storage Mode	Linear / Circular	
Data Lifetime	Yes (Programmable)	
Storage		
Built-in Storage Interface	4 SATA, 1 DVDRW, 1 eSATA	
Raid Support	0, 1, 5, 10	
Cartridge / DVDRW	Optional	
Export	1 eSATA Port, 2 USB 2.0 Ports	
Alarm		
Alarm Input	8 Terminal Block (TTL)	16 Terminal Block (TTL)
Alarm Relay Output	3 Terminal Block, 1.0A / 30 VDC or 1.0A / 120VAC	
Alarm Detection	N.C. / N.O., Programmable	
Motion Detection	16 × 12 Grid Array, Sensitivity, Trigger level adjustable	
Video Loss Detection	Programmable	
Communication		
Network Connectivity	RJ45, 10/100/1000 Mbps Ethernet, Supports PPPoE/ DDNS/ DHCP	
Remote Control Software	CMS supported	
Remote Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving	
RS-485	Terminal Block	
IR Remote	D-SUB for POS applications	
Dome Camera Control Protocol	DSCP, Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, JVC	
General		
Unit Dimension (W × H × D)	437 × 393 × 90 mm (17.2 × 15.47 × 3.54 inches)	
Unit Weight	5.5 Kg (12.1 lbs)	
Package Dimensions (W × H × D)	552 × 552 × 187 mm (21.7 × 21.7 × 7.4 inches)	
Package Weight	6.1 Kg (13.4 lbs)	
Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	
Relative Humidity	10% ~ 90%, Non-condensing	
Power Consumption & Input	ATX 200W, 100 ~ 240V	
Order Information		
Model No.	NTSC: DVR200-008-N; PAL: DVR200-008-P	NTSC: DVR200-016-N; PAL: DVR200-016-P

Dimensions

