

# HDO8P/16P

## H.264 Real Time Pentaplex DVR

If picture quality and stability are important to you then the new HDP Series DVRs from Indigo Security are a must for your business. Enjoy the latest in H.264 compression to maximise your recordings with enhanced quality and stability.



## GENERAL FEATURES

### True H.264 Standard Video Compression

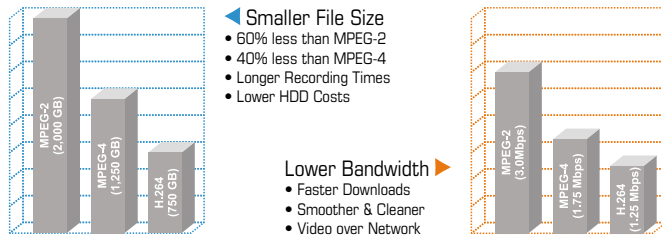
The most-touted feature of HD08/16P is the inclusion of the H.264 video codec, also known as Advanced Video Codec (AVC) or MPEG-4 Part 10. This is the latest video standard to emerge from the MPEG standards group.



H.264 at 320 x 240, 450 Kbps



MPEG-4 at 320 x 240, 450 Kbps



### 4 Spot Outputs with Event Pop-up Function

HDP series provides additional 4 video outs (Spot Out). Event pop-up feature on spot outs allow effective monitoring for users.



### Archiving Function to Secure the High Stability for Recorded Data

HDP series provides an Archiving feature which allows the dual recording on multi HDDs. This protects data on HDD from physical damages by keeping same data on another HDD.



### Four USB Ports for Mouse operation, Multi USB Hub and Back-up



### Real Time Recording and Multi Ch. Playback

HDP series supports full Real Time recording (at CIF) for entire channels. Users can record images at the real time speed and able to search the important recorded data using various search options with multi-channel playback at the same time.



10 images per second



30 images per second

### Up to Four SATA HDD and No Limitation of Capacity

HDP series support unlimited storage capacity for the effective recording. Up to 4 SATA HDDs can be installed or 3 SATA HDDs can be installed with 1 SATA ODD.



### Dedicated DB Structure for Stability

HDP series have its own distinctive image DB structure which enhances and optimizes the recording data stability. It provides a fully recoverable and protected system for recording data against unexpected system shut downs.



### Various Recording Resolution DI/Half DI/CIF



HDP series provide various recording resolution options and individual recording schedule. Different recording speeds can be set for each channel depending on various occasions.

### Embedded Linux System to give you the Ultimate Reliability

HDP series use internally optimized Embedded Linux System which provides the most reliable and stable DVR applications that can not be found on PC systems.



### CMS (Central Monitoring System)

HDP Series provides a 64 channel multi monitoring/search program for effective remote controlling.



### Easy Set-up

HDP provides the most effective remote set-up option for users. Same set-up menu and GUI (Graphic User Interface) option as local system is also provided on remote program. This provides easier and friendly remote control environments for users.



### Web Monitoring, Searching and Set-up

HDP series provides the most convenient remote controlling option using the Web Browser. Users can monitor, search and set-up their DVRs from anywhere in the world just using the Web Browser (Internet Explorer 7.0 or higher) on any PC without a specific remote program.



### Own Media Player for Back-up Playback

HDP series provides a self executable solution for simple back-up data playback. This does not only provide effective data search and playback, but also unauthorized data alteration.



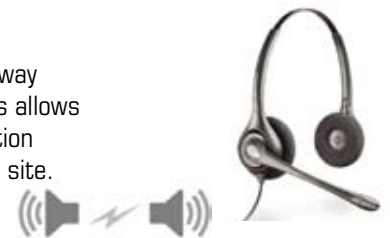
### 8/16 Audio Input Support

HDP series provides full audio recording functions; 8 to 16 audio are provided for individual channels and 4 internal Mic Ins are included for the direct connect with a microphone.



### Two-Way Audio

HDP series provides two-way audio communication. This allows the advanced communication between DVR and remote site.



### Multiple DVRs can be operated with one Keyboard Controller

HDP allows effective and various controlling options using the remote controller, mouse, front panel and keyboard controller. Users can control multi DVRs using the single keyboard controller.

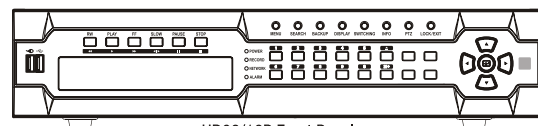


### Text-In and Relay Output Support

HDP series provides text-in function for POS and ATM devices using RS232 port. Alarm outs are provided for entire video channels. Four relay outs are also included for user convenience as they do not need additional relay devices.

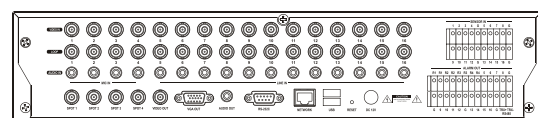


### HD08/16P Front Panel

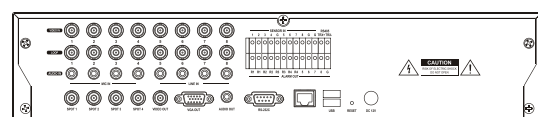


HD08/16P Front Panel

### HD08/16P Rear Panels



HD16P Rear Panel



HD08P Rear Panel

MODEL		HD08P	HD16P
VIDEO	In	8 BNC	16 BNC
	Out	1 VGA & 1 BNC Main, 4 Spot Output	
AUDIO	In	8 RCA (4 Mic in, 4 Line in)	16 RCA (4 Mic in, 12 Line in)
	Out	1 RCA (Line Out)	
DEVICE	Sensor In	8 TTL	16 TTL
	Alarm Out	4 Relay + 4 TTL	4 Relay + 12 TTL
	I/O Interface	RS232, RS485, USB 2.0 x3, USB 1.1 x 1 for Mouse	
DISPLAY	Speed	Real Time	
	Resolution	720 x 576 (PAL)	
	Split Screen	1, 4, 9, PIP, Digital Zoom	1, 4, 9, 13, 16, PIP, Digital Zoom
RECORDING	Compression	H.264 Codec	
	Speed Resolution	200fps @ CIF (PAL)	400fps @ CIF (PAL)
		100fps @ Half D1 (PAL)	200fps @ Half D1 (PAL)
		50fps @ D1 (PAL)	100fps @ D1 (PAL)
	Picture Quality	Very High, High, Standard, Low	
Mode	Time lapse, Event, Time & Event, Emergency (Panic)		
PLAYBACK	Display	1, 4, 9, Digital Zoom	1, 4, 9, 13, 16, Digital Zoom
	Search Mode	Calendar Search, Event Search, Text-In Search, Go to Time	
	Playback Mode	Multi Channel Normal & Reverse Play, RW & FF (x2, x4, x8, x16, x32), Frame-to-Frame, Pause	
NETWORK	Network Interface	Ethernet (10/100 Base)	
	Protocol	TCP/IP, HTTP, DHCP	
	Application	Live, Playback, Set-up, Notification (Callback, E-Mail)	
	Web Browser	Internet Explorer 7.0 or higher	
Storage		3 x SATA HDD & 1 x SATA ODD (or max. 4 x SATA HDD without ODD)	
Back-up		CD & DVD-RW, External HDD (USB), External USB Memory	
Control		Front Panel Button, Jog-Shuttle, USB Mouse, IR Remote Controller, Joystick Controller	
OSD		Graphic User Interface (Multilingual)	
Approval		FCC, CE, MIC	
ROHS		ROHS Compliance	
Power Consumption		12VDC, 6.67A (80W)	
Operating Temperature		5°C~40°C / 41°F~104°F	
Operating Humidity		0%~80% / non-condensing	
Dimensions		430 (w) x 88 (h) x 428 (d) mm / 16.93 (w) x 3.5 (h) x 16.85 (d) inch	
Weight		6kg / 13lb (without HDD)	

