



# accom

## Full HD 1080p CCTV DVR



HD-SDI104



HD-SDI108



### Key Features

- 4/8 channels HD 1080P Real Time Recording/Playback
- Internal Recording by up to 8TB/32TB HDD
- External Recording via LAN and WAN
- User friendly playback with Digital Zoom
- Backup via e-Sata, USB, Sata(DVDRW), LAN and WAN
- Live, Playback, Zooming and Push Video Notification on iPhone/ Android Phone/ Computer
- CMS with Cameras Grouping from Multi-DVRs
- Smart Stream, P2P Cloud
- Support up to 128 PTZ pre-sets and 8 PTZ auto cruises
- HDMI HD 1080P output



ViewCam

### The Results

Understanding the CCTV resolution by case study: Identifying car's number plate

The two pictures are recorded by 1080p and 960H CCTV systems respectively where the cameras are equipped with a wide angle lens (3.6 mm - about 72 degrees) and are 42ft away from the number plate.

### 1080p Full HD quality



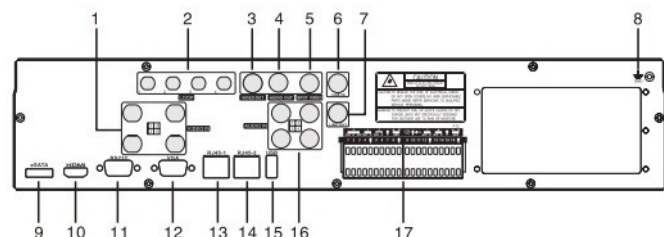
### 960H quality



# Specification

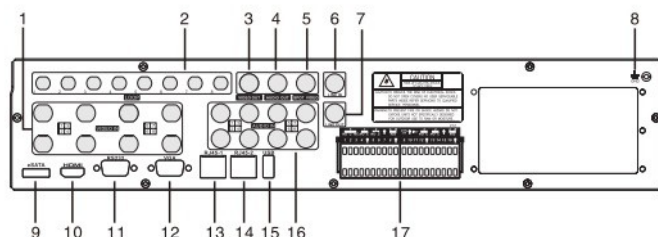
Model	HD-SDI104	HD-SDI108	
System	Compression	Standard H.264 High Profile	
	CPU	HI3531+HI3532	Cortex A9 Dual Core
	OS	Embedded Linux	
	OSD	User friendly, true colour, windows style Interface	
	Operation mode	Pentaplex (simultaneously recording, live-view, backup, playback and remote monitoring)	
	Password	Multi-level user management	
Video	Input	SDI x 4 (100/120FPS)	SDI x 8 (200/240FPS)
	Output Resolution	1024x768, 1280x1024, 1366x768, 1440x900, 720P, 1080P	
	Main Output	HDMI x 1, VGA x 1, BNC x 1	
	Spot Output	BNC x 1	
	Loop Output	BNC x 4	BNC x 8
	Display	1/4	1/4/6/8/9
Audio	Input	BNC x 4	BNC x 8
	Output	BNC(RCA) x 1	
Record	Resolution	1080P(1920 x 1080)	
	Frame Rate	100fps(PAL) / 120fps(NTSC)	200fps(PAL) / 240fps(NTSC)
	Bit rate	128K~12Mbps	
	Encode	VBR/CBR	
	Quality	4 Level	
	Mode	Manual, timer, motion, sensor	
	File manager	Lock, unlock, reserving time, redundancy	
Playback	Playback	4CH	8CH
	Search	Time, motion, sensor, single or multi-channel	
	Function	Play, Pause, FF, FB and Digital zoom	Play, Pause, FF, FB, Digital zoom, Jog and Shuttle controls
Alarm	Mode	Sensor, motion, video loss	
	Input/Output	4CH / 1CH	8CH / 8CH
	Triggering	Record, PTZ move, Relay out, e-mail, Push Notification	
Network	Interface	RJ45 x 2, 100/1000M	
	Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-mail	
	DDNS	88110, Reelink, 3322, dyndns, no-ip, changeip and dnsexit	
	Others	10 users online, Dual Stream, Smart Stream, P2P Cloud	
App	OS	Windows, Iphone, Andriod, Blackberry, Windows mobile, Symbian	
	ViewCam	Multi-channels Display, Digital Zoom, Record, Playback, PTZ, Log and Multi DVRs (Only for Iphone and Andriod)	
	ViewClient	Multi-channels Display, Digital Zoom, Record, Playback, PTZ, Log, Multi DVRs and Channel Group (Only for Windows)	
I/O	HDD	SATA x 2 (Maximum 8TB with optional DVD-RW x 1), eSATA x 1	SATA x 8 (Maximum 32TB with optional DVD-RW x 1), eSATA x 1
	Serial Port	RS485 x 2	
	USB	USB2.0 x 2	
	IR controller	Remote Control	
Power Supply	AC:110V/220V		
Power Consumption	~15W (without HDD)	~70W (without HDD)	
Work Environment	-10°C – 55°C; 10% – 90% Humidity		
Dimensions	W405 x D321 x H64 mm (1U Chassis)	W430 x D450 x H89 mm	

HD-SDI104 Rear Interface



- |                 |                |                  |
|-----------------|----------------|------------------|
| 1. VIDEO INPUT  | 8. GND         | 15. USB          |
| 2. LOOP OUTPUT  | 9. E-SATA      | 16. AUDIO INPUT  |
| 3. VIDEO OUTPUT | 10. HDMI       | 17. ALARM IN/OUT |
| 4. AUDIO OUTPUT | 11. RS-232     | RS 485 A/485B    |
| 5. SPOT OUTPUT  | 12. VGA OUTPUT |                  |
| 6. LINE INPUT   | 13. RJ45-1     |                  |
| 7. LINE OUTPUT  | 14. RJ45-2     |                  |

HD-SDI108 Rear Interface



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|-----------------|----------------|------------------|
| 1. VIDEO INPUT  | 8. GND         | 15. USB          |
| 2. LOOP OUTPUT  | 9. E-SATA      | 16. AUDIO INPUT  |
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