

HK-5000 Series

Embedded HD-SDI Digital Recorder



Front & Rear Panel

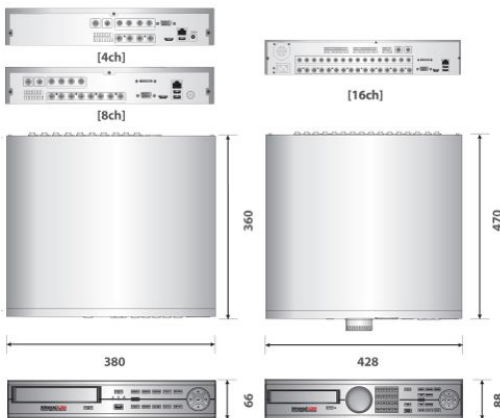
[4 & 8 CH – 1.5U]



[16 CH – 2U]



Dimensions



Features

- 4Ch / 8Ch / 16Ch **HD-SDI DVR**
- Up to 120 fps Full HD Record (1080P) capability
- **Dual-Stream with Adjustable fps and Resolution**
- Gigabit LAN / uPnP / HD Monitoring
- **QENS(Quick & Easy Network Setup)**
- Smart Phone Viewer featuring Monitoring/VOD/Event Search /**Popup Message Notification**

Specifications

		5004 (4 Ch)	5008 (8 Ch)	5016 (16 Ch)
Compression Algorithm		Video : H.264 Main Profile, Audio : ADPCM		
Internal Storage		2 x SATA HDD	4 x SATA HDD	4 x SATA HDD & 1 x DVD
Operating System		Embedded Linux		
Display	Speed	120 fps	240 fps	480 fps
	Screen	1, 4	1, 4, 8	1, 4, 9, 16
Video Input	Mode	HD-SDI Input		
	SPOT-OUT	N/A		
	LOOP-OUT	N/A		
Video Output	Monitor	Main : HDMI(1), VGA(1), Composite(1)		
	Resolution	Full HD(1920x1080), SXGA(1280x1024), 1024x768, 800x600		
Recording Speed/Mode (NTSC/PAL)	720P	120 fps	120 fps	120 fps
	1080P	120 fps	120 fps	120 fps
	Mode	Continuous, Scheduled, Sensor-Activated & Motion Detection Recording, Pre & Post Alarm Recording, Emergency Recording, Quick Backup		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32, x64, x128		
	1Ch(Full)	30 fps per Ch	15 fps per Ch	7 fps per Ch
	4Ch(Quad)	30 fps per Ch	15 fps per Ch	7 fps per Ch
	Mode	Intelli-Search by Time Bar, Calendar (Date&Time), Event/System Search		
Audio (Input / Output)		4 Ch / 1 Ch	4 Ch / 1 Ch	16 Ch / 1 Ch
Alarm (Input / Output)		4 Ch / 1 Ch	4 Ch / 1 Ch	16 Ch / 16 Ch
PTZ		Virtual Joy-Stick Control on screen by Mouse, Pan/Tilt/Zoom/Focus/Iris		
External Port / Storage		RS-485, RJ45, USB2.0, e-SATA (8&16ch only)		
LAN		Gigabit Ethernet (RJ45) – Static IP, DHCP, DDNS		
Network Functions		1) Dual-Stream (Local Recording & Network Transmission), Network Bandwidth Control (25 Kbps ~ 1 Gbps)		
		2) Live Monitoring, Remote Playback and Backup (Triplex-on-Remote)		
		3) Auto IP Detection (DHCP), Time Sync by NTP Server ("pool.ntp.org")		
		4) Remote & E-Mail Notification		
		5) uPnP NAT Traversal (Auto Port Forwarding)		
Remote Management	S/W	CMS, RMS, MMS(Mobile Viewer), Web(IE), Mac Viewer		
	Function	Live Monitoring, Playback & System Configuration		
Backup	Device	ODD (CD/DVD), USB, Network		
	Type	EXE, AVI (CMS, RMS) – Inc. Viewer		
POS		Text-in Based (RS-232, USB to Serial support), Display POS Data on Live & Playback		
Sys Recovery after Power Failure		Auto-Reboot and Journaling File System		
Advanced Functions		1) Smartphone Event Message Pop-up Notification		
		2) Firmware Upgrade by USB & CMS over Network		
		3) Import & Export of Setting Value, Water-Mark, AVI File Backup		
		4) Quick Setup to designate Rec Period, Warning Alarm for System Over-Temperature		
		5) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period)		
		6) Help Message for easy setup & Multi-Language support		
System Operation		Front Button, IR Remote Controller, USB Mouse, Keypad (option)		
Power		12V 5A DC	12V 7A DC	AC 100~240V, 50/60Hz
Temper/Humidity/Certification		5~40 °C / 20~80% RH / CE & FCC & MIC & WEEE, RoHS		
Dimension (WxDxH)		380 x 360 x 66 (mm), 1.5U		428 x 470 x 66 (mm), 2U

(* Specification is subject to change without prior notice



True Real-time HD-SDI DVR

HK-5000 Series, an embedded type HD-SDI (High Definition Serial Digital Interface) DVR, provides real-time HD monitoring and recording capability up to 1080P resolution. It realizes a true High Definition security surveillance solution with Full HD images.

Adjustable Network Dual Stream

HK-5000 Series supports “Dual Stream technology”. It allows effective control of recording image quality and network traffic through adjustable fps and resolution in poor network environment.



HD-SDI



Upgrade to HD without re-cabling

HK-5000 Series works with the existing coax cable to bring HD video. It means users can design HD surveillance solution without professional knowledge. And there are no needs to reinstall video cables to upgrade your existing CCTV.

Easy way to smart life

Our Mobile Management Solution (MMS) brings you to smart life that allows Easy monitoring /Playback/Event Search/Pop up notification via your smartphone. Don't waste your time to frequently check your mobile app. HK-5000 Series will notify you with push pop-up message at any events.

