

PROFESSIONAL PENTAPLEX STANDALONE DVR

TRUE H.264 REALTIME



H Series



Dual video stream both for network transmission and recording offers more flexible monitoring environment on various network conditions

• 04CH: 120 / 120 FPS

• 08CH: 240 / 240 FPS

• 16CH: 480 / 480 FPS



Pentaplex 4 / 8 / 16 Channel
120 / 240 / 480 FPS



H.264 H.264 Records and Plays
in High-definition Video



CMS (Central Monitoring Station)
/ Web-Client Support



Static IP, DHCP, DDNS Support



Archiving
(EXE / JPEG Format)



USB Mouse / USB Stick Memory
(Front 2x, Rear 2x)



Software Upgrade via Network,
USB Port, DVD-RW



Keyboard Controller,
Various PTZ Protocol Support



Audio Recording and Playback
(2 way Audio Conference)



VGA Monitor Support



NTP (Network Time Protocol)



User-friendly Server GUI & Front Design
Embedded Linux OS



E-mail Notification
(Video Clip, Still Image, Message)



WCS (Watermark Check System)



IR Remote Controller



POS / ATM
(Patent Pending)



Mobile Viewer
(Windows Mobile 6.1 or Higher)



E-MAP Function Support

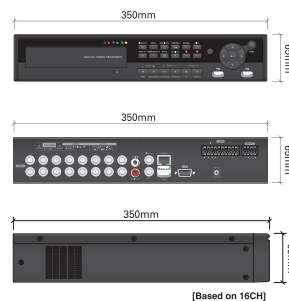
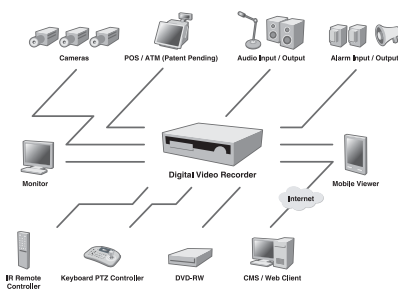
I Technical Specifications

Model	HK0412	HK0824	HK1648
Compression	H.264 (Main Profile)		
Signal Format	NTSC or PAL (Auto Selected)		
Video Input	Composite 4 BNC Inputs	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Main Monitor Output	1 BNC / 1 VGA		
Spot Output	1 BNC		
Sequence	Yes		
Max. Recording Rate at CIF (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max. Recording Rate at H.D1 (FPS)	120 (NTSC) / 100 (PAL)*	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)
Max. Recording Rate at Full D1 (FPS)	60 (NTSC) / 50 (PAL)	60 (NTSC) / 50 (PAL)	120 (NTSC) / 100 (PAL)
Video Stream	Dual		
Audio Input	1 Input (RCA Jack)		
Audio Output	1 Output (RCA Jack)		
Ethernet	10 / 100Mbps Ethernet (RJ-45)		
PTZ Control	RS-485 / 422 Terminal Block		
ATM / POS	Up to 4 Channels Over USB		
Alarm Input	4 (TTL) Programmable as NC/NO		
Alarm Output	4 (TTL) Programmable as NC/NO		
USB Port	4 x USB (2 x Front Panel, 2 x Rear Panel)		
Recording Qualities	Super / High / Standard		
Network Transmission Quality	Standard 1, 2, 3, 4 / High 1, 2, 3 / Super 1, 2, 3		
Network Bandwidth Control	56 Kbps ~ Unlimited		
Recording Modes	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 X 15)		
Playback Speed	X1, X2, X4, X8, X16, X32, X64, Extreme		
Archive File Format	EXE (Video Clip) / JPEG (Still Image)		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
Multi Language	English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Emergency Recording Key	Yes		
Primary Storage	SATA Hard Disk Drive (Up to 2+1)		
Clip Copy Storage	Built-in Internal DVD-RW Driver, Via USB HDD, Memory Stick		
Dimension(WxHxD)	350 mm x 65 mm x 350 mm / 13.78 inch x 2.56 inch x 13.78 inch		
Operating Temperature	5°C~40°C / 41°F~104°F		
Operating Humidity	0% ~ 90%		
Power Adapter	Free Voltage 12VDC, 3.33A		
Power Consumption	Max 27W		
Agency Approval	FCC / CE		

*HK0412 can record 120 (100)FPS even at 720 x 240 (720 x 288).

*Design and Specifications are Subject to Change Without Notice.

System Interconnection & Dimension



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