

16CH 1U Digital Video Recorder

Key Features

- Y Support HDCVI/AHD/TVI/CVBS/IP video inputs
- Y H.264+/H.264 dual-stream Video compression
- Y Max 24 channels IP camera inputs
- Y Max. 4M-N/1080P(1~15fps)
- Y HDMI/VGA simultaneous video output
- Y Support 2 SATA HDDs up to 16 TB, 2 USB Ports
- Y Multiple network monitoring: Web viewer, CMS(PVMS) & Smart Phone (PMOB)



Technical Specifications

Model	PI-HL1216XAK
System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Input	16+8 each channel up to 5MP
Two-way Talk	Reuse audio in(channel 1)/out, RCA
Audio In/Out	4 Channel input, 1 Channel output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264+/H.264
Resolution	4M-N, 1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 4M-N/1080P(1~15fps);1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps), Sub stream: D1/CIF/QCIF(1~15fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Camera Blank
Alarm Input	16
Relay Output	3
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Network	
Interface	1 RJ-45 port (1000Mbps)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search, ONVIF 2.42, CGI Conformant
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	2 SATA ports, up to 16TB
External HDD	NA
Auxiliary Interface	
USB	1 USB 2.0, 1 USB 3.0
eSATA	NA
Rs232	NA
Rs485	1 Port, for PTZ Control

General	
Power Supply	DC12V/4A
Power Consumption	<15W (Without HDD)
Working Environment	-10°C ~+55°C/10%~90%RH
Dimension(W×D×H)	1U, 375mm x 287mm x 53mm
Weight	2.35kg (without HDD)