

## 16CH 1.5U 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 96 Mbps Incoming Bandwidth
- Y HDMI/VGA simultaneous video output
- Y Support 4 SATA HDDs up to 8TB each, 3 USB Ports
- Y Multiple network monitoring: Web viewer, CMS(PVMS) & Smart Phone (PMOB)



### Technical Specifications

Model	PI-HL1416XK
<b>System</b>	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
<b>Video &amp; Audio</b>	
IP Camera Input	16+8 Ch, each channel up to 5MP
Two-way Talk	1 Mic In, 1 Mic Out, BNC, 4/1 BNC Audio In/Out
<b>Display</b>	
Interface	2 HDMI, 1 VGA, 1 TV
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
<b>Recording</b>	
Compression	H.264+/H.264
Resolution	1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	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
<b>Video Detection &amp; Alarm</b>	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm Input	16 Ch.
Relay Output	6 Ch.
<b>Playback &amp; Backup</b>	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
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
<b>Network</b>	
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
<b>Storage</b>	
Internal HDD	4 SATA HDDs, up to 8TB Each Capacity
Rs422	1 Port, for PTZ Control
<b>Auxiliary Interface</b>	
USB	3 USB Ports (1 USB 2.0, 2 USB 3.0)
eSATA	1 Port
Rs232	1 port, for PC communication & Keyboard
Rs485	1 Port, for PTZ Control

<b>General</b>	
Power Supply	AC100V-240V, 50/60Hz
Power Consumption	<30W (Without HDD)
Working Environment	-10°C ~+55°C/10%~90%RH
Dimension(W×D×H)	1.5U, 440mm×417mm×76mm
Weight	6kg (without HDD)