

SERIES 8 HYBRID

960H

CE FC LVDS

SOC3



PS-804HXT/PS-808HXT

FEATURE

SOC 2nd gen



Storage



Integration



User interface



- 4-CH 1080p/720p IP-CAM and 8/4-CH 960H Hybrid H.264 DVR Standalone with six-fold operation-record, live,
- **H.264 Main Profile** video compression/decompression via network with configurable quality.
- Real time live display for all cameras.
- Streaming video for mobile phone or PDA, no Apps required
- **N-Streaming internet/intranet remote access**
- Record/Playback capabilities – Full-D1/Half-D1/CIF: up to 240 (NTSC) / 200 (PAL) FPS. 960H: up to 180 (NTSC) / 150 (PAL) FPS
- **Support privacy mask**
- **1ST Stand-alone DVR with state-of-the-art 3-D de-interlace & de-noise**
- Digital Watermark
- **Support push alarm notification to mobile phones**
- **Object search &** search by time or event (alarm, motion & video loss).
- Digital zoom, X2 & X4.
- SATA HDDs with storage size up to 3TB support AFT Western Digital
- Intelligent motion detection with programmable area and sensitivity.
- 1 USB for mouse 1 USB for Video/audio backup to built-in DVD or USB2.0 storage devices including pen drive, DVD+RW, DVD+R, and DVD-R
- **One I.E./Firefox software for unlimited number of DVRs**
- Ethernet for remote access, including web access, e-mail alarm (v-loss, motion, HDD fail) notification with attached picture, and FTP video/audio file storage, remote setup & upgrade.
- Remote access through **mobile phone, iPhone or PDA.**
- **Support HDMI output, VGA output, and TV output**
- **Support touch panel with USB interface**
- **Support PTZ/Keyboard/POS/GPS**
- **Free DDNS server (xxx.fly2dns.net)**
- Multi-level password and authentication key protection to ensure high degree of security.
- **Free CMS Software (PS90XX)** Hyper Electronics Mapper (HEM) for Macintosh/Windows multi-site plot on Google Earth layer with [live/search/playback/configuration](#)
- Covert function able to hidden camera picture and recording on background.
- **GPS/ POS support**
- **Free iPhone/iPad/Android/Mac software app**

System	
O.S.	Embedded Linux 3.0.
Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access.
Processor	Multiple.
Certification	FCC, CE, LVDS, etc.
Video	
Format Input	IP-CAM: ONVIF Profile S NTSC/EIA or PAL/CCIR. 4/8-CH BNC, 1Vp-p/75ohm.
Main monitor	HDMI, VGA D-SUB 15-pin, with resolution up to 1920x1080, BNC x 1, 1Vp-p/75ohm Support touch panel with USB interface
3D de-interlace & de-noise	Yes.
Loss detection	Yes.
Motion detection	Yes, with configurable detection area (22x26 Cells) & sensitivity.
Audio	
Input	2 RCA-jack connectors, line-in level (100mV-2Vrms).
Output	1 RCA-jack connectors, line-out level (up to 2Vrms).
Record	
Compression	Video: H.264 Main Profile with Watermark. Audio: ADPCM.
Frame rate (IPS) & Resolution	PAL – 200 / 720x576, 720x288, 360x288, 150 / 960H 1~50IPS adjustable each camera or vary by event triggered.
Quality	1-9 level.
Mode	Manual (Emergency)/Schedule/Alarm/Motion.
Pre-record time	0 - 60 seconds.
Post-record time	0 - 60 minutes.
Display	
Resolution	VGA – 1920x1080, NTSC – 720x480, PAL – 720x576
Split windows	1/4/7/9/SEQ.
Frame rate	Up to 60 (NTSC) / 50 (PAL) IPS per display window.
Freeze	Yes.
Sequential switch	User adjustable.
Digital Zoom	X2, X4.
Playback	
Frame rate (IPS) & Resolution	IP-CAM: 40fps@1080p, 80fps@720p, Analog: 180/150fps@960H, 240/200fps@D1/Half-D1/CF
Search	Quick Search(1/3/5mins), Object search , Date/time, Camera, Alarm, Motion & Video Loss Search Achieve files , POS/Keycard (Text Search).
Operation	Play, 64X Fast Forward & Backward, Pause, Stop, etc, Remote I.E. and HEM can also Print.
Storage	
HDDs	2 set of 3.5" SATA type HDD, >3TB of HDD storage size
HDD Extension	NAS Storage
Partitions	Configurable alarm partition size. Configurable auto-overwrite or not.
Backup	1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R , card readers, HDD, etc. Internal DVD models: DVD+RW, DVD+R, DVD-R Self playback for backup files

Alarm	
Input	4/8 contact or TTL/CMOS signal, polarity selectable.
Output	1 Normally Open, 1 Normally Closed relay output Co response to Alarm/Event input or manual control by remote PC and mobile phone.
Buzzer	Yes.
Triggered by	Sensor input, Video loss, & Motion.
Event log	Yes,6000 events with system log.
Network	
Ethernet	1 RJ-45 10/100/1000 BaseT Ethernet connector.
3G	Support 3G USB Dongle dial-up internet.
Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade 1 I.E./Firefox for unlimited DVRs Configurable HTTP/Control/Data port.
E-mail	Alarm notification to stationary or mobile devices.
FTP	Alarm video/audio file storage.
Video	1/4 split-window & SEQ mode for IE and HEM Dynamic electronics maps for HEM.
Audio	Bidirectional with broadcast.
Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP.
Remote users	Up to 6 users simultaneously.
Bandwidth	TCP/IP type dynamic sliding window control.
Remote stations	PC, Mac, mobile phone, iPhone or Tablet PC ,SMART TV. no Apps required
Control / GPS / POS	
I/R	1 I/R remote controller.
RS-485	2-pin for keyboard, PTZ control, GPS or POS.
Setup	
Local	GUI setup via mouse, keypad, I/R remote controller, touch panel, and/or RS-485 keyboard controller.
Remote	Setup & upload via Windows application software.
Multi-lingual	Yes, 14 languages with Thai language.
Reliability	
System recovery	Auto power on after power loss recovery.
Watch Dog Timer	Yes.
Timer	Built-in real time clock.
Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access.
Weights & Measures	
Dimension	435(W) x 285(D) x 55(H)mm.
Weight	3.0 KG (without HDD).
Power	
Source	+12VDC./ 220-240VAC 50Hz
Consumption	60W Max.
Operating	
Temperature	0°C ~ +45°C.

* Product Design and Specifications are subject to change without prior notice.

Central Management Software

PS-9010, Hyper Electronics Mapper for 10 DVRsFree Buddle
 PS-9050, Hyper Electronics Mapper for 50 DVRsOptional
 PS-9099, Hyper Electronics Mapper for Unlimited DVRsOptional