

SERIES 8

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

CE FC LVDS
D1 Half-realtime

Full HD
1080p



PS-804H-SDI

FEATURE

Remote

SOC 2



Storage



Integration



User interface



- **4/8 CH** H.264 DVR Standalone with six-fold operation-record, live, playback, backup, control & network remote access.
- **H.264 High 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 – 960H: 150 FPS Full-D1:240/200IPS, Half-D1:240/200IPS, CIF:240/200IPS.
- **Support push alarm notification to mobile phones**
- **1ST Stand-alone DVR with state-of-the-art 3-D de-interlace & de-noise**
- Digital Watermark
- **Support touch panel with USB interface**
- Playback search by time or event (alarm, motion & video loss).
- **Object search & playback.**
- Digital zoom, 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.**
- **Built-in HDMI/VGA output** Resolution 1920x1080
- **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 AVI convertor and utility software. CMS support Dual Monitor.**
- Covert function able to hidden camera picture and recording on background.

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	NTSC/EIA or PAL/CCIR. HD -SDI (SMPTE 292M), BNC, 0.8Vp-p /75ohm
Main monitor	BNC x 1, S-video x 1, 1Vp-p/75ohm, HDMI, VGA D-SUB 15-pin connector.
3D de-interlace & de-noise	Yes.
Loss detection	Yes.
Motion detection	Yes, with configurable detection area (22x26 Cells) & sensitivity.
Audio	
Input	4
Output	HDMI,RCA-2
Record	
Compression	Video: H.264 High Profile. Audio: ADPCM.
Resolution & Max frame rate	720P: 120/100 1080P: 50 720P, 1080P
Digital Watermark	YES
Mode	Manual (Emergency)/Schedule/Alarm/Motion.
Pre-record time	0 - 10 seconds.
Post-record time	0 - 60 minutes.
Display	
Output	HDMI, VGA, BNC:2
Resolution	HDMI/VGA: up to 1920x1080, NTSC:720x480, PAL: 720x576
Split windows	1/4/
Playback	
Frame rate (IPS) & Resolution	NTSC - 180 / 960H ,240/720x480, 240/720x240, 240/360x240. PAL - 150 / 960H ,200/720x576, 200/720x288, 200/360x288.
Search	Quick(1/3/5Min ago),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	
HDD(SATA)	1 HDD
Extension	eSATA/NAS
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. External DVD models: DVD+RW, DVD+R, DVD-R Self playback for backup files

Alarm	
Input	8
Output	No:1, NC: 1, Relay output
Set/Unset	1, Polarity selectable
Buzzer	Yes.
Triggered by	Sensor input, Video loss, & Motion.
Event log	Yes , 6000 events with system log.
Network	
Ethernet	1RJ45 10M/100M/1G Ethernet Connector.
Function	Free DDNS, USB 3G dongle support
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	1/4/8/9/16/25/36/64split-window & SEQ for IE and HEM Dynamic electronics maps for HEM.
Audio	Bidirectional with broadcast.
Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP,uPnP.
Remote users	Up to 6 users simultaneously.
Bandwidth	TCP/IP type dynamic sliding window control.
Remote stations	PC,Mac, mobile phone, iOS/Android. no Apps required Free TapCMS Apps can playback 16 CH on mobile phone with Push notification.
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, touch panel , I/R remote controller, and/or RS-485 keyboard controller.
Remote	Setup & upload via Windows/Mac 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	320(W) x 210(D) x 50(H)mm.
Weight	2.0 KG (without HDD).
Power	
Source	+12VDC./ 220-240VAC 50Hz
Consumption	30W Max.
Operating	
Temperature	0°C ~ +45°C.

Central Management Software (CMS)

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

TOMURA™ PROFESSIONAL CCTV SYSTEM

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