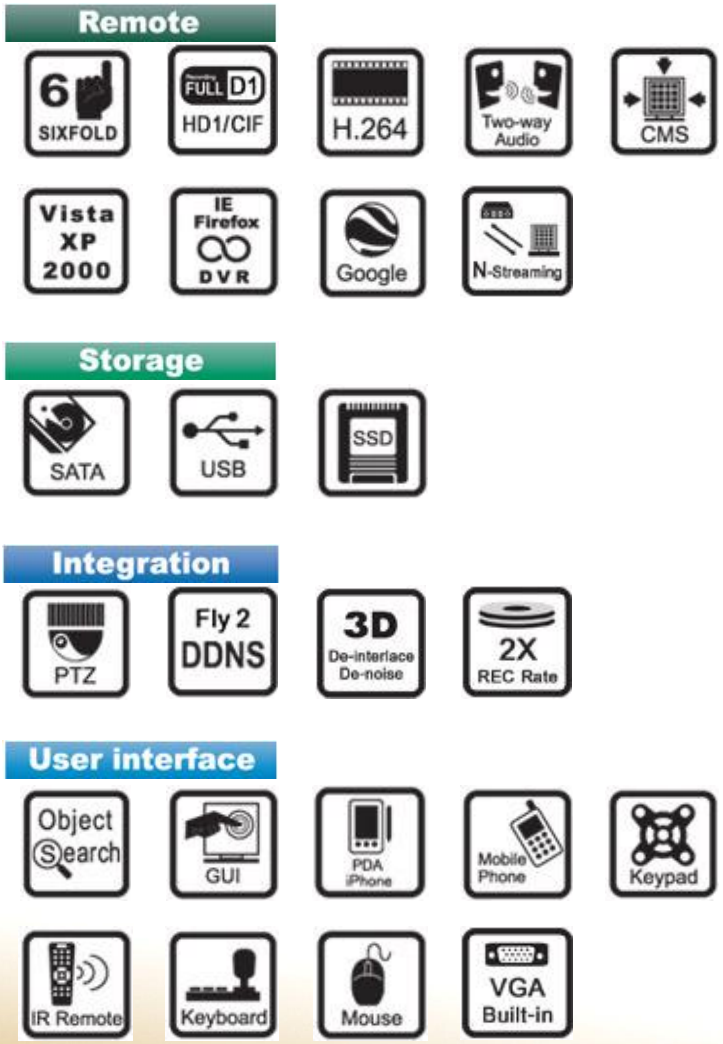
PS-1704HT
PS-1708HT

FEATURE



Local

- ✓ **12/8-CH (4-CH IP-CAM and 8/4-CH 960H) Hybrid Vehicle DVR** with hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
- ✓ **H.264 High/Main Profile** with outstanding quality but less storage size
- ✓ **Max record/playback capabilities:** **IP-CAM**: 120/100fps@1080p/720p; **Analog**:
- ✓ **Max. 40Mbps incoming bandwidth for IP-CAM**
- ✓ **Smart search** & playback
- ✓ VGA/CVBS output resolution up to 1920 x 1080
- ✓ 2.5" internal HDD (>4TB/HDD) or SSD
- ✓ **Digital watermark**
- ✓ Up to 4 alarm inputs, **car speeding pulse input, car**
- ✓ Ethernet and **USB 3G dongle** support for remote access, with
- ✓ **Built in G sensor** for alarm of acceleration, brake, left/right
- ✓ **Built in GPS** to support Google Earth and Google Maps
- ✓ **Delay Off capability**

Remote

- ✓ **Push alarm notification** for portable device
- ✓ Two-way audio capabilities
- ✓ **Audio broadcasting**
- ✓ Dynamic electronics maps for CMS
- ✓ Remote setup, monitoring, backup, alarm notification, &
- ✓ Support Google Earth and Google Map
- ✓ **Support UPnP, P2P, RTSP and QR code**

Model		PS-1708HT	PS-1704HT
System	O.S.	Embedded Linux 3.0	
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access	
Video	Format	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR	
	Input	IP-CAM: Up to 4-CH 1080p/720p; Analog: 8-CH, CVBS, 1Vp-p/75ohm	IP-CAM: Up to 4-CH 1080p/720p; Analog: 4-CH, CVBS, 1Vp-p/75ohm
	Main monitor	CVBS*1, 1Vp-p/75ohm ; VGA D-SUB 15-pin connector	
Audio	Input	2 RCA-jack connectors, line-in level (100mV-1Vrms)	
	Output	1 RCA-jack connector, line-out level (up to 1Vrms)	
Record	Compression	IP-CAM: H.264; Video: H.264 Main Profile ; Audio: ADPCM	
	Max frame rate	IP-CAM: 120/100fps@1080p/720p; Analog: 240/200fps@960H/D1/Half-D1/CIF Up to 40Mbps incoming bandwidth for IP-CAM	IP-CAM: 120/100fps@1080p/720p; Analog: 120/100fps@960H/D1/Half-D1/CIF Up to 40Mbps incoming bandwidth for IP-CAM
	Mode	Manual/Schedule/Alarm/Motion/Acceleration/Brake/Speed/Left-Right-Turn	
	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
Display	Resolution	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576	
	Split windows	1/4/7/9	
	Frame rate	Up to 30/25 FPS per camera	
	Freeze	Yes	
	Digital Zoom	X2, X4	
Playback	Max frame rate	IP-CAM: 120/100fps@1080p/720p; Analog: 240/200fps@960H/D1/Half-D1/CIF	IP-CAM: 120/100fps@1080p/720p; Analog: 120/100fps@960H/D1/Half-D1/CIF
	Search	Smart search, Date/time, Camera, Alarm, Motion, Video Loss, Acceleration, Brake, Speed, & Left/Right Turn	
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.	
Storage	HDD	1 set of 2.5” SATA HDD > 4TB storage, Failure detection & privacy law supported	
	Backup	1 SD slot and 1 USB 2.0 port, Self playback for backup files	
Alarm	Input	4 contact or TTL/CMOS signals, polarity selectable	
	Output	2 (1 Normally Open, 1 Normally Closed) relay outputs	
	Triggered by	Sensor input, Video loss, Motion, Speed, Acceleration, Brake (with built-in G sensor), & Left/Right Turn	
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P	
	Remote	Support Windows 8/7/Vista/XP/2003, 1 I.E/Firefox/Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/Android phone and Tablet PC	
Control / GPS / Car Speed / Engine Revolution	Remote Controller	1 remote controller through built-in sensor or wired remote sensor	
	RS-232/RS-485	1 D-type male connector or 2-pin for PTZ/keyboard control (selected by OSD)	
	GPS	Optional	
	Car speed	2-pin for car speeding pulse input with configurable parameters or from GPS	
	Engine Revolution	2-pin for car engine revolution signal input	
Setup	Local	On screen setup via keypad, remote controller and/or mouse	
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software	
Reliability	System recovery	Auto power on after power loss recovery; Watch Dog Timer	
	Security	Key lock for DVR host; Multi-level password (4 levels, up to 18 accounts)	
	Operating shock	8G, 11ms (20 per five seconds max)	
	Operating vibration	With HDD : 5 - 500Hz, 1.65G (0 to peak); With SSD : 5 - 500Hz, 2.7G rms	
	Moisture proof	With spray coating	
Weights & Measures	Dimension Weight	178(W) x 210(D) x 50(H)mm 2.2KG (without HDD)	
Power	Source	+12 or +24VDC, with acceptable rang +9.5 - 35VDC	
	Consumption	Max. 20W without 12VDC output / heater loading	
	Delay ON/OFF	Yes, with configurable timer	
	12VDC Out	Up to 2.0A for all cameras	
Operating Temperature		0ºC ~ +50ºC, with HDD & optional built-in heater; -15ºC ~ +50ºC, with SSD & optional built-in heater	

Central Management Software (CMS)

PS-9010, Hyper Electronics Mapper for 10 DVRs ……**Free Buddle**
PS-9050, Hyper Electronics Mapper for 50 DVRs ……Optional
PS-9099, Hyper Electronics Mapper for Unlimited DVRs ……Optional

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