TOMURA

PS-804ACF

AHD1080P

Front panel labels: USB 2.0 · 1 2 · MODE SEQ CALL SEARCH · Menu/Esc · POWER · 3 4 · REC ▶/‖ ■ · HDD · PAGE · ENTER · NET

Panel text: TOMURA H.264 Series 8 DVR · DVR AHD SOC3

FEATURE

Remote — SOC 2
- 6 SIXFOLD
- FULL D1 / HD1/CIF
- H.264
- Two-way Audio
- CMS
- Vista XP 2000
- IE Firefox ∞ DVR
- Google
- N-Streaming

Storage
- SATA
- USB
- SSD

Integration
- PTZ
- Fly 2 DDNS
- 3D De-interlace De-noise
- 2X REC Rate

User interface
- Object Search
- GUI
- PDA iPhone
- Mobile Phone
- Keypad
- IR Remote
- Keyboard
- Mouse
- VGA Built-in
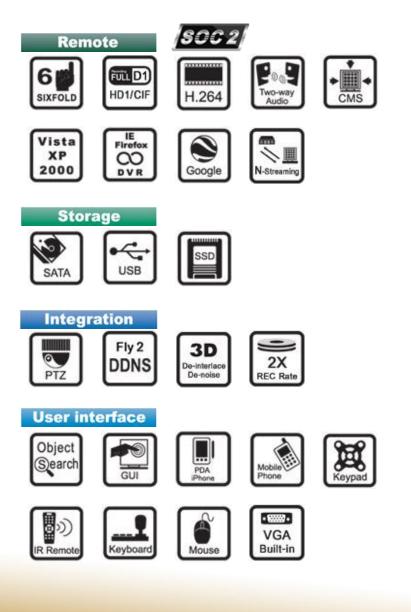
Features

- **4-CH AHD,** H.264 DVR with hexaplex operation – record, live, playback, backup, control, & remote access
- **H.264 High Profile** video compression/decompression with configurable quality
- Max record /playback capabilities –
  IP CAM 20Mbps: 60fps@1080p, 120/100fps@720p,
  Analog: 40fps@AHD 1080p, 80fps@AHD 1080p-lite/720p,
  120/100fps@960H/Full-D1/Half-D1/CIF.
- Realtime live display for each channel
- Two-way audio capabilities
- **Smart search & playback**
- Audio in * 2 / audio out * 1
- **HDMI * 1, VGA * 1, Main monitor/Call monitor * 1**
- 1 SATA HDD
- Alarm in * 4 / alarm out * 1 (NC or NO)
- **Support push alarm notification to mobile phones**
- **Ethernet** and **USB 3G dongle** support for remote access through I.E. or proprietary remote software, e-mail alarm notification, FTP file storage, remote setup and software upgrade
- Free DDNS server **Support UPnP, P2P and QR code**
- Support remote PC with Windows 8/7, Vista, XP, and 2003
- 1 I.E./Firefox software for multiple DVRs

Remote

- RS-485 for PTZ, keyboard control, POS, and GPS support
- USB 2.0 for video/audio backup to versatile storage devices
- Keypad, remote control, & mouse operation
- Digital watermark
- Multi-lingual support for setup and display
- Open system architecture for ease of access via network, RS-485 keyboard
- **NFS NAS Recording Supported**
- **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.

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System	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
	Certification	FCC, CE, etc.
Video	Format	**IP-CAM: ONVIF Profile S (HDVR version)** Analog: NTSC/EIA or PAL/CCIR, **AHD or Analog**
	Input	IP-CAM: up to 2-CH 1080p and 2-CH 720p Analog: up to 4-CH, BNC, 1Vp-p/75ohm
	Main monitor	HDMI x 1, with resolution up to 1920x1080, VGA x 1, with resolution up to 1920x1080, BNC x 1, 1Vp-p/75ohm
	Call monitor	BNC x 1, 1Vp-p/75ohm, shared with Main monitor
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy mask	**Yes**
Audio	Input	2 RCA-jack connector, line-in level (100mV-1Vrms)
	Output	HDMI, 1 RCA-jack connector, line-out level (< 1Vrms)
Record	Compression	**Video: H.264 High Profile, Audio: ADPCM**
	Max frame rate & resolution	**IP-CAM: 60fps@1080p, 120/100fps@720p,** **Analog: 40fps@1080p, 80fps@1080p-lite/720p, 120/100fps@960H,** **Up to 20Mbps incoming bandwidth for IP-CAM**
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	HDMI/VGA – up to 1920x1080 NTSC – 720*480, PAL – 720*576
	Split windows	1/4/7/9
	Frame rate	Up to 30/25fps per display window
	Digital Zoom	X4, x8
	Sequential switch	User adjustable
Playback	Max frame rate & resolution	**IP-CAM: 60fps@1080p, 120/100fps@720p,** **Analog: 40fps@1080p, 80fps@1080p-lite/720p,** **120/100fps@960H**
	Search	**Quick(1/3/5Min ago) /Smart search**, Date/time, Camera, Alarm, & Motion
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc. Remote I.E. and HEM can also Print, Snapshot
Storage	HDD	1 set of SATA HDD with storage > 4TB Failure detection & privacy law supported
	Backup	2 USB 2.0 port Self playback for backup files **with jpg snap shot**
Alarm	Input	4 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open or Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes
Control / POS / GPS	Remote Controller	1 remote controller for up to 4 DVRs Optional extension cable
	RS-485	2-pin for keyboard/PTZ control
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard
	Remote	Setup & upload via Windows application software
	Multi-lingual	Yes
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)

Network	Ethernet	1 RJ-45 10M/100M bps Ethernet connector
	USB 3G dongle	Yes
	Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade Support Windows 8/7, Vista, XP, and 2003 1 I.E./Firefox for multiple DVRs /Google Chrome Configurable HTTP/SMTP/FTP/Control/Data port
	DDNS	**Free DDNS server**
	E-mail/Push alarm	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4 split-window & SEQ mode for I.E. and HEM Dynamic electronics maps for HEM **Dynamic N-Streaming live view**
	Audio	Two-way
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, P2P
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	**PC, Mac, mobile phone, Symbian,PDA, and/or tablet PC with free iPhone/iPad/Android software TAPCMS software can playback 16CH on mobile phone.**
Weights & Measures	Dimension Weight	320(W) x 210(D) x 50(H)mm 1.2 KG (without HDD)
Power	Source	+12VDC
	Consumption	**30W Max.**
Operating Temperature		0ºC ~ +40ºC

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 …….….….Optiona

TOMURA™ PROFESSIONAL CCTV SYSTEM

Central Management Software