16-CH IP-CAM and TVI/AHD Turbo Hybrid DVR

DT-1162/1160 TVI/AHD Turbo HDVR

Features

Local

- ✓ **16-CH IP-CAM and TVI/AHD Hybrid DVR** with hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
- ✓ **H.264 High Profile** video compression/decompression with configurable quality
- ✓ **Max record capabilities**:
  IP-CAM: 240fps/1080p, 480fps@720p; **Analog**: 240fps@1080p, 480fps@1080p-lite/720p/960H
- ✓ **Max**. 80Mbps incoming bandwidth for IP-CAM
- ✓ **Smart search** & playback
- ✓ 2/1 internal HDDs (>6TB/HDD)
- ✓ eSATA connector for HDD extension
- ✓ USB 3.0/2.0 for video/audio backup to versatile storage devices
- ✓ HDMI * 1, VGA * 1, Main monitor/Call monitor * 1
- ✓ **Digital watermark**
- ✓ Ethernet and **USB 3G/4G dongle** support for remote access, with dual streaming support

Remote

- ✓ **DVR browser utility**
- ✓ **Free DDNS** Server
- ✓ **Push alarm notification** for portable device
- ✓ Two-way audio capabilities
- ✓ **Audio broadcasting**
- ✓ Dynamic electronics maps for CMS
- ✓ Remote setup, monitoring, backup, alarm notification, & **remote software upgrade**
- ✓ **iPhone/iPad/Mac/Android/MS-Windows** remote software
- ✓ 1 I.E./Firefox/Chrome/App for multiple DVRs
- ✓ Configurable **HTTP/SMTP/FTP/Control/Data** port
- ✓ **Support UPnP, P2P, RTSP and QR code**
- ✓ **MS-Windows/iOS/Android SDK** for the integration with different applications

Specification

Model		DT-1162	DT-1160
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 TVI, AHD or Analog	
	Input	IP-CAM: up to 16-CH 1080p; Analog: up to 16-CH TVI/AHD 1080p, BNC, 1Vp-p /75ohm	
	Main monitor	HDMI*1 and VGA*1, with resolution up to 1920x1080 ; BNC*1, 1Vp-p/75ohm	
	Call monitor	BNC*1, 1Vp-p/75ohm, shared with Main monitor	
Audio	Input / Output	8/1	
Record	Compression	IP-CAM: H.264; Video: H.264 High Profile ; Audio: ADPCM	
	Max frame rate	IP-CAM: 240fps@1080p, 480/400fps@720p, Analog: 240fps@1080p, 480fps@1080p-lite/720p/960H Up to 80Mbps incoming bandwidth for IP-CAM	
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
Display	Resolution	HDMI/VGA - up to 1920*1080 ; NTSC - 720*480, PAL - 720*576	
	Split windows	1/4/7/9/10/13/16	
	Frame rate	Up to 30/25 FPS per display window	
	Digital Zoom	X2, X4	
Playback	Max frame rate	240fps@1080p, 480fps@1080p-lite/720p/960H	
	Search	Smart search, Date/time, Camera, Alarm, Motion & Video loss	
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.	
Storage	Internal HDD	2 set of 3.5” SATA HDDs with, > 6TB/HDD; Failure detection & privacy law supported	1 set of 3.5” SATA HDD, > 6TB/HDD; Failure detection & privacy law supported
	HDD Extension	1 eSATA connector for up to 5 HDDs	
	Backup	USB3.0 x1, USB 2.0 x1; Self playback for backup files	
Alarm	Input / Output	8/1	
Network	Ethernet	1 RJ-45 10M/100M bps Ethernet connector	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P	
	E-mail/Push alarm	Alarm notification to stationary or mobile devices	
	Remote	Support Windows 8/7/Vista/XP/2003, N-streaming live view, 1 I.E/Firefox/Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/Android phone and Tablet PC	
Control / POS / GPS	Remote Controller	1 remote controller to control up to 4 DVRs; Optional IR extension cable	
	RS-232	1 D-type connector for PTZ, Keyboard, POS or GPS	
	RS-485	2-pin for keyboard and/or PTZ control	
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software	
Reliability	System recovery	Auto power on after power loss recovery	
	Watch Dog Timer	Yes	
	Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access	
Weights & Measures	Dimension Weight	430(W) x 280(D) x 55(H)mm 3.0KG	320(W) x 210(D) x 50(H)mm 2.0 KG
Power	Source	+12VDC	
	Consumption	60W Max.	36W Max.
Operating Temperature		$0^{o}C$ ~ $+40^{o}C$	