# 8-CH IP-CAM and AHD 1080p Turbo Hybrid DVR

**DA-1800T**

## Features:

### Local

- ✓ **8-CH IP-CAM and AHD Turbo 1080p 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: 240/200fps@1080p/720p, Analog: 120fps@1080p, 240fps@1080p-lite/720p/960H**
- ✓ **Max. 80Mbps incoming bandwidth for IP-CAM**
- ✓ **Smart search** & playback
- ✓ **HDMI * 1, VGA * 1, Main monitor/Call monitor * 1**
- ✓ Audio in * 4 / audio out * 1
- ✓ **eSATA connector for HDD extension**
- ✓ 1 internal SATA HDD
- ✓ Alarm in * 8 / alarm out * 1
- ✓ Ethernet and **USB 3G/4G dongle** support for remote access through I.E. or remote app, e-mail alarm notification, FTP file storage, remote setup and software upgrade

### 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**
- ✓ Remote access through mobile phone/PDA/Mac/Tablet PC with free iPhone/iPad/Android software app
- ✓ 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 | | DA-1800T |
|---|---|---|
| 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 AHD or Analog |
| | Input | IP-CAM: up to 8-CH 1080p/720p; Analog: up to 8-CH 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 |
| | Motion detection | Yes, with configurable detection area & sensitivity |
| | **Privacy mask** | **Yes** |
| Audio | Input | 4 RCA-jack connectors, line-in level (100mV-1Vrms) |
| | Output | HDMI; 1 RCA-jack connectors, line-out level (up to 1Vrms) |
| Record | Compression | IP-CAM: H.264; Video: H.264 High Profile ; Audio: ADPCM |
| | Max frame rate | IP-CAM: 240/200fps@1080p/720p, Analog: 120fps@1080p, 240fps@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 |
| | Frame rate | Up to 30/25 FPS per display window |
| | Digital Zoom | X2, X4 |
| Playback | Max frame rate | 120fps@1080p, 240fps@1080p-lite/720p/960H |
| | Search | Smart search, Date/time, Camera, Alarm, Motion |
| | Operation | Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc. |
| Storage | HDD | 1 set of 3.5" SATA HDD with storage >6TB/HDD; Failure detection & privacy law supported |
| | HDD Extension | 1 optional eSATA connector for up to 5 external HDDs |
| | Backup | 2 USB 2.0 port; Self playback for backup files |
| Alarm | Input | 8 contact or TTL/CMOS signals, polarity selectable |
| | Output | 1 Normally Open or Normally Closed relay outputs |
| Network | Ethernet | 1 RJ-45 10M/100M bps Ethernet connector |
| | **USB 3G/4G dongle** | **Yes** |
| | Protocol | TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P |
| | 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 extension cable |
| | RS-232 | 1 D-type male 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 |
| | 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) |
| | Weight | 2.0 KG (without HDD) |
| Power | Source | +12VDC |
| | Consumption | 36W Max. |
| Operating Temperature | | 0ºC ~ +40ºC |

AHD 1080p **Turbo Hybrid** DVR