

16-CH 4-in-1 H.265 DVR



Features:

Local

- ✓ **16-CH IP-CAM and Analog-8MP (Compatible with AHD/TVI/CVI camera) H.265 Hybrid DVR** with hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
- ✓ **H.265/H.264** video compression/decompression with configurable quality
- ✓ **Max record capabilities:** **IP-CAM: 480fps@1080p, 480/400fps@720p, Analog: 80fps@8MP-lite, 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H**
- ✓ **Max. 160Mbps incoming bandwidth for IP-CAM**
- ✓ **Smart search & playback**
- ✓ **HDMI * 1, VGA * 1, Main monitor * 1**
- ✓ **Audio in * 8 / audio out * 2**
- ✓ **eSATA connector for HDD extension**
- ✓ **Up to internal SATA HDDs (> 6TB/HDD)**
- ✓ **Alarm in * 16 / alarm out * 4**
- ✓ **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-2160TA
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 or AHD/TVI/CVI
	Input	I IP-CAM: up to 16-CH 1080p/720p; Analog: up to 16-CH AHD/TVI/CVI 8MP, BNC, 1Vp-p /75ohm, BNC*1, 1Vp-p/75ohm
	Main monitor	HDMI, with resolution up to 3840x2160; VGA, with resolution up to 2560x1600; BNC*1, 1Vp-p/75ohm
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy mask	Yes
Audio	Input	8 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	HDMI; 2 RCA-jack connector, line-out level (up to 2Vrms)
Record	Compression	Video: H.264; Audio: ADPCM
	Max frame rate	IP-CAM: 480fps@1080p, 480/400fps@720p, Analog: 80fps@8MP-lite, 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H Up to 160Mbps 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: 3840x2160; VGA: 2560x1600; CVBS
	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	80fps@8MP-lite, 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 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	HDD	5 x 3.5" SATA HDDs with storage > 6TB/HDD, Failure detection & privacy law supported
	HDD Extension	1 eSATA connector for up to 5 external HDDs
	Backup	USB 2.0 x 2; Self playback for backup files
Alarm	Set/unset	1 contact or TTL/CMOS signal, polarity selectable
	Panic	1 contact or TTL/CMOS signal, polarity selectable
	Input	16 contact or TTL/CMOS signals, polarity selectable
	Output	2 Normally Open, 2 Normally Closed relay outputs
Network	Ethernet	1 RJ-45 10M/100M/1G bps Ethernet connector
	USB 3G/4G dongle	Yes
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P
	Remote	Support Windows 10/8/7, 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
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		430 (W) x 350 (D) x 66 (H)mm, 4.0 KG (without HDD)
Power/Consumption		+12VDC, 100W Max. (with 5 HDDs)
Operating Temperature		0°C ~ +55°C