



**ED2A-8**  
8 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (5 MP),  
with 8 Bonus IP Ch (4/5 MP), Up to 16 cameras total, 2 HD Bays, 4K

**Features**

- 8 Channel Universal Port DVR (TVI/AHD/CVI/IP/Analog)
- Up to 5MP Support
- 8 Bonus IP Channels  
Up to 4 Megapixel in Hybrid IP Mode\*  
Up to 5 Megapixel in Full IP Mode\*\*
- H.264/H.264+ Video Compression
- True P2P Connectivity with QR Code Connect
- HDMI up to 4K Resolution
- Simultaneous HDMI/VGA up to 1080p Resolution
- CVBS Main or Spot Monitor
- Supports up to 8 Channel Simultaneous Playback
- Multiple video search options including Smart and Thumbnail Search for quick retrieval of footage.
- Store and access video storage to the Cloud
- Upgrade your recorder via the Cloud
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer

Model	ED2A-8
Chipset	Hi3531A
Video & Audio Input	
Analog Video Input	8ch(1.0Vp-p, 75 Ω)
HDTVI Input	5MP,3MP,1080P, 720P
CVI Input	4MP,1080P, 720P
AHD Input	5MP,4MP,1080P, 720P
CVBS Input	Support
IP video Input	Support
Audio Input	4-ch, RCA(2.0 Vp-p, 1 KΩ)
Two-Way Audio	1-ch, multiplex with Audio Input(RCA)
Video & Audio Output	
HDMI	4K(3840x2160)/30Hz,1920x1080/60Hz,1280x1024/60Hz,1280x720/60Hz,1024x768/60Hz
VGA	1920x1080/60Hz,1280x1024/60Hz,1280x720/60Hz,1024x768/60Hz
CVBS	BNC(1.0Vp-p,75Ω),resolution: PAL:704x576,NTSC:704x480
Audio Output	1-ch, RCA(Linear, 1kΩ)
Recording	
Video Compression	H.264+/H.264
Encoding Resolution	5MP/4MP/3MP/1080P/1080P Lite/720P/960H/D1
Resolution	Main stream: 8CH 5MP@12fps,4MP@15fps 1080P/720P/960H/D1@25fps(P)/30fps(N)
Frame Rate(fps)	1-25fps
Video Bit Rate	11Kbps~ 10Mbps
Record Mode	Manual, Schedule,Alarm
Audio Compression	G.711a
Audio Bit Rate	64kbps
Bonus IPC Input	
Hybrid Resolution	4MP/3MP/2MP/720p/960H
Full Resolution	5MP/4MP/3MP/2MP/720p/960H
Hybrid Frame Rate	4MP/3MP/2MP/720p/960H @ 30 FPS
Full Frame Rate	5MP/4MP/3MP/2MP/720p/960H @ 30 FPS
IP Input	
Hybrid Resolution	4MP/3MP/2MP/720p/960H
Full Resolution	5MP/4MP/3MP/2MP/720p/960H
Hybrid Frame Rate	4MP/3MP/2MP/720p/960H @ 30 FPS
Full Frame Rate	5MP/4MP/3MP/2MP/720p/960H @ 30 FPS
IPC Input/Access Bandwidth	IPC x 8 / 96Mbps (Hybrid), IPC x 16 / 160Mbps (Full)
Total Max IP Input	16 (including Bonus IPC)
Playback & Backup	
Playback Number	8CH Playback
Playback Mode	Smart Playback/Normal/Time Division/ Label/ Event/ Picture playback
Backup Mode	USB Device/Network/External HDD
Advanced Features	
Smart Detection for Analog	8 lines crossing detection,intrusion detection areas per channel
Smart Detection for IPC	Line crossing detection,Area Intrusion detection,Region Entrance,Region Exiting,Fast moving,Unattached Object,Object Missing,Face Detection
Smart Playback for Analog	Line Crossing/Area Intrusion/Motion Detection
Smart Playback for IPC	Face detection/Line Crossing/Area Intrusion/Motion Detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ-45 10 /100/1000 Mbps self-adaptive Ethernet interface
Network Function	HTTPs, HTTP,TCP/IP,IPv4,UPnP,Onvif 2.6,RTSP,RTCP,UDP, SMTP,SNMP,Multi-cast,IGMP,NTP, DHCP,DNS,DDNS, FTP, P2P
Hard Disk	
SATA	2 SATA interfaces
Capacity	Up to 10TB capacity for each HDD (10 TB Drive must be Western Digital)
External Interface	
Serial Interface	Standard RS-485(half-duplex)
USB Interface	Front panel: 1 x USB 2.0,Rear panel: 1 x USB 2.0
Alarm Input	8ch
Alarm Output	4ch
General	
Web Client	User Defined, Max 32 Users
Power Supply	DC12V,5A
Power Consumption	≤20W(without HDD)
Working Environment	-10°C~+55°C / 10%~90%RH
Dimension (WxDxH)	380 x 305 x 45mm
Weight(without HDD)	2.8kg

**Mode Chart**

Model Name	Max Megapixel for IPC	
	Hybrid Mode	Full IP Mode
ED2A-4, ED2A-8	4 MP	5 MP

\*Hybrid Mode: Analog camera and IP camera can be added at the same time.

\*\*Full IP Mode: Convert all channel type to IP, only IP camera can be added

**Ordering Information**

**ED2A-8:** 8 Ch Universal Port Recorder  
Available with 2/4/8/16 TB Hard Drive Options