



ED3A-16

16 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (8 MP), with 4 Bonus IP Ch (8 MP), Up to 20 cameras total, 2 HD Bays, 4K

Features

- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- Up to 8MP Support on HD Analog Channels
- 4 Bonus IP Channels Up to 8 Megapixel in Full IP
- Total Max IP Input: 20 (Including Bonus IPC)
- H.265/H.265+/H.264/H.264+ Video Compression
- True P2P Connectivity with QR Code Connect
- Simultaneous HDMI/VGA up to 1080p Resolution
- CVBS Main or Spot Monitor
- HDMI up to 4K Resolution
- Supports up to 16 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

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| Model | ED3A-16 |
| Chipset | 2*Hi3531D |
| Video & Audio Input | |
| Analog Video Input | 16ch(1.0Vp-p, 75 Ω) |
| HDTVI Input | 8MP,5MP,4MP,1080P, 720P |
| CVI Input | 8MP,4MP,1080P, 720P |
| AHD Input | 8MP,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(3840×2160)/30Hz,1920×1080/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz |
| VGA | 1920×1080/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz |
| CVBS | BNC(1.0Vp-p,75Ω),resolution:PAL:704x576,NTSC:704x480 |
| Audio Output | 1-ch, RCA(Linear, 1kΩ) |
| Recording | |
| Video Compression | H.265+/H.265/H.264+/H.264 |
| Encoding Resolution | 8MP/5MP/4MP/1080P/1080P Lite/720P/960H/D1 |
| Resolution | Main stream:8MP@7fps, 8MP-N@15fps, 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 | |
| Resolution | 8MP/5MP/4MP/3MP/2MP/720p/960H |
| Frame Rate | 8MP/5MP/4MP/3MP/2MP/720p/960H @ 30 FPS |
| IP Input | |
| Resolution | 8MP/5MP/4MP/3MP/2MP/720p/960H |
| Frame Rate | 8MP/5MP/4MP/3MP/2MP/720p/960H @ 30 FPS |
| IPC Input/Access Bandwidth | IPC x 4 / 72Mbps (Hybrid), IPC x 20 / 72Mbps (Full) |
| Total Max IP Input | 20 (including Bonus IPC) |
| Playback & Backup | |
| Playback Number | 4CH 8MP Playback, 8CH 8MP-N 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 | 16 line crossing detection, intrusion detection |
| Video Quality Detection | 16CH Defocus Detection |
| 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/Are Intrusion/Motion Detection |
| Smart Playback for IPC | Face detection/Line Crossing/Are 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 |
| Web Client | User Defined, Max 32 Users |
| Hard Disk | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 12TB capacity for each HDD (Western Digital Only for 10TB Drives) |
| External Interface | |
| Serial Interface | 1*Standard RS-485(half-duplex) |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0 |
| Alarm Input | 8ch |
| Alarm Output | 4ch |
| General | |
| Power Supply | DC12V,5A |
| Power Consumption | ≤20W(without HDD) |
| Working Environment | 14°F ~ 131°F(-10°C~+55°C) / 10%~90%RH |
| Dimension (W×D×H) | 14.96 x 12 x 1.77 inches (380 x 305 x 45mm) |
| Weight(without HDD) | 6.17lbs (2.8kg) |

Ordering Information

ED3A-16: 16 Ch Universal Port Recorder
Available with 2/4/8/10/12 TB Hard Drive Options