



## UD5A-16

16 Ch TVI/AHD/CVI/Analog Universal Port Recorder (8 MP), with 8 Bonus IP Ch (6 MP), Up to 24 cameras (with latest firmware) 2 HD Bays, 4K

### Features

- 16 Channel Universal Port 8MP DVR (AHD/CVI 1080p/720p, Analog)
- 8 Bonus IP Channel - Up To 6 Megapixel
- H.265+/H.265/H.264+/H.264 Video Compression (H.265+/H.264+ Only Compatible with Ultra Cameras)
- Dual-Stream Video Compression
- HDMI up to 4K Resolution
- CVBS Spot Monitor
- VGA up to 1080p Resolution
- Supports up to 16 Channel Simultaneous Playback
- Multiple video search options including Smart Search and Sub-Periods for quick retrieval of footage.
- 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 Number	UD5A-16
Video compression	H.264 / H.264+ /H.265 / H.265+
Analog, AHD, HD-TVI and HD-CVI video input	16 Ch., BNC interface (1.0Vp-p, 75Ω)
HDTVI Input	8MP, 3MP, 1080p, 720p
AHD Input	1080p, 720p
HDCVI Input	1080p, 720p
CVBS Input	PAL/NTSC
IP Video Input	2CH, Up to 6MP Resolution / Supports H.265+/H.265/H.264+/H.264 IP cameras
Audio compression	G.711u
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Video Output	1 HDMI, 1 VGA, 1 CVBS
CVBS Output	PAL/NTSC
VGA output	1920×1080@60Hz, 1280×1024@60Hz, 1280×720@60Hz, 1024×768@60Hz
HDMI output	4K(3840 × 2160)@30Hz, 2K(2560 × 1440)@30Hz, 1920×1080@60Hz, 1280×1024@60Hz, 1280×720@60Hz, 1024×768@60Hz
Encoding resolution	Up to 8MP @ 8FPS, 5MP @ 12fps for HD-TVI, and up to 6MP @ 20fps for IP camera.
Frame rate	Up to 8MP @ 8FPS, 20fps @ 5MP TVI, and 20fps @ 6MP IP camera
Video bitrate	32 Kbps to 10 Mbps
Audio output	1 Ch., RCA (Linear, 1KΩ)
Audio bitrate	64 Kbps
Dual-stream	Support
Stream type	Video, Video & Audio
Synchronous playback	16 Ch.
Alarm I/O	16/4
Remote connections	128 Streams
Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTP, ONVIF
VCA Functions	Face Detection, Line Crossing, Area Intrusion. Up to 2 Channels Max.
SATA	2 SATA interface
Capacity	Up to 14TB capacity for each HDD
Network interface	1; 10M / 100M / 1000M self-adaptive Ethernet interface
Serial interface	1 x RS-485 serial interface
USB port	1 × USB2.0, 1 × USB3.0
Power supply	12 VDC
Consumption (without hard disks)	≤ 25W
Working temperature	14 °F ~ 131 °F (-10 °C ~+55 °C)
Working humidity	10% ~ 90%
Dimensions	380 × 320 × 48 mm (15 x 12.6 x 1.9 inch)
Weight (without hard disks)	4.4 lb

Ordering Information

**UD5A-16/1TB:** 16 Ch DVR