

16 Channel CIF 1U Standalone DVR



Krypto Series

Main Features

- ⇒ Up to 16 cameras with CIF display
- ⇒ H.264 dual-stream video compression
- ⇒ 1 Ch@D1 + 15 Ch@CIF Realtime Recording
- ⇒ HDMI/ VGA/ TV(BNC) Synchronous Video Output
- ⇒ Live, Recording, Playback, Backup and Remote Access
- ⇒ Smart video detection: MD, camera blank, video loss
- ⇒ Support 1 SATA HDD up to 4TB, 2 USB2.0
- ⇒ Easy backup: USB devices, CD/DVD-RW and network download
- ⇒ Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- ⇒ Built-in web server, multi-DVR client, DMSS & CMS



Feature	Specification
Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Devices	Front panel, USB mouse, IR remote control, Keyboard, Network
Video Input	16 channel, BNC(1.0Vp-p, 75Ω)
Video Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)
Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Compression	H.264 / G.711
Video Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600
Video Recording	D1/4CIF@1~25/30fps(704×576/704×480) / HD1@1~25/30fps(352×576/352×480) / 2CIF@1~25/30fps(704×288/704×240) / CIF@1~25/30fps(352×288/352×240) / QCIF@1~25/30fps(176×144/176×120)
Video Display Split	1/4/8/9/16
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
Audio Input	16 channel, BNC(200-2800mV, 30KΩ)
Bi-directional Talk Input	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)
Audio Output	1 channel, BNC(200-3000mV, 5KΩ)
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
Video Loss	Supported
Camera Blank	Supported
Alarm Input	4 channel

Feature	Specification
Alarm Output	1 channel
Hard Disk	1 SATA port, Max 4TB HDD supported
HDD Management	Hard disk hibernation technology, HDD faulty alarm
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Recording Priority	Manual >Alarm >MD >Regular
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Backup Mode	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device / Built-in SATA burner/ Network download
Interface Ports	2 USB Ports, 1 RJ45, 1 RS232 & 1 RS485
Protocols	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server
Remote Operations	Monitor, PTZ control, Playback, System setting, File download, Log information
Power Supply	DC 12V / 3A
Power Consumption	20W (Exclude HDD)
Working Temp	0°C ~+55°C / 10~90%RH / 86~106kpa
Dimensions	1U, 375mm×285mm×50mm(W×D×H)
Weight	1.5-2.5kg KG(Exclude HDD)