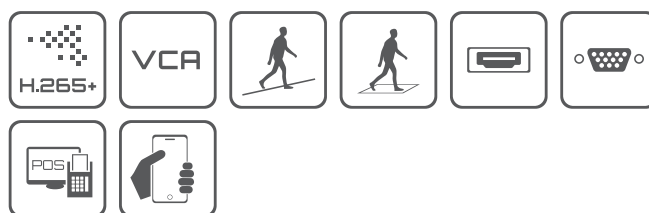


SD2432/48I-K

H.265+ All-In-One Digital Video Recorder



ENS SD2432/48I-K features an all-in-one self adaptive HDTVI/HDCVI/AHD/CVBS signal input, and up to 48 channels 6 Megapixels IP cameras input. The long distance transmission over UTP and coaxial cable: max. 800 m for 1080P and 1200 m for 720P HDTVI signal. This DVR supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras.



MODEL(S) AVAILABLE

SD2432/48I-K

KEY FEATURES

- ▶ Support H.265+/H.265 video compression
- ▶ Support HDTVI/AHD/CVI/CVBS/IP video input
- ▶ Max. 48 IP cameras input (up to 6 MP)
- ▶ Max. 800 m for 1080P and 1200 m for 720P HDTVI signal transmission
- ▶ Up to 10TB capacity per HDD
- ▶ Support POS triggered recording and POS information overlay

Product Specifications

Video/ Audio Input	
Video Compression	H.265+ / H.265 / H.264+ / H.264
Analog Video Input	32 Channels
	BNC interface (1.0 Vp-p, 75 Ω) (supporting coaxitron connection)
HDTV Input	4MP/3MP/1080P @ 30 fps, 1080P @ 25 fps, 720P @ 60/50/30/25 fps *The 3 MP signal input is only available for channel 1/2/3/4.
AHD Input	4MP/1080P @ 25 fps, 1080P @ 30 fps, 720P @ 30/25 fps
HDCVI Input	1080P @ 30/25 fps, 720P @ 30/25 fps
CVBS Input	PAL/NTSC
IP Video Input	16-ch (up to 48-ch)
	Up to 6 MP resolution Supports H.265+/H.265/H.264+/H.264 IPC
Audio Compression	G.711u
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)

Video/ Audio Output	
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI1/VGA Output	1-ch, 1920×1080 / 60 Hz, 1280×1024 / 60 Hz, 1280×720 / 60 Hz, 1024×768 / 60 Hz
HDMI2 Output	1-ch, 4K 3840×2160 / 30 Hz (Max.)
Encoding Resolution	<i>When 1080P lite mode disabled:</i> 4MP lite / 3MP / 1080P / 720P / WD1 / 4CIF / VGA / CIF
	<i>When 1080P lite mode enabled:</i> 4MP lite / 3MP / 1080P lite / 720P lite / WD1 / 4CIF / VGA / CIF
Frame Rate (Main Stream)	<i>When 1080P lite mode disabled:</i> 4MP stream access: 4MP lite @ 15 fps; 1080P lite/720P/WD1/4CIF/VGA/CIF @ 25 fps (P) / 30 fps (N) 3MP stream access: 3MP/1080P/720P/VGA/WD1/4CIF/CIF @ 15 fps 2MP(1080P) stream access: 1080P/720P @ 15 fps; VGA/WD1/4CIF/CIF @ 25 fps (P) / 30 fps (N) 720P stream access: 720P/VGA/WD1/4CIF/CIF @ 25 fps (P) / 30 fps (N)
	<i>When 1080P Lite mode enabled:</i> 4MP lite/3MP @ 15 fps; 1080P lite/720P lite/VGA/WD1/4CIF/CIF @ 25 fps (P) / 30 fps (N)
Frame Rate (Sub-Stream)	WD1/4CIF @ 12 fps; CIF @ 25 fps (P) / 30 fps (N)
Video Bitrate	32 Kbps ~ 6 Mbps
Audio Output	1-ch, RCA (Linear, 1 KΩ)

Audio Bitrate	64 Kbps
Dual Stream	Support
Synchronous Playback	16

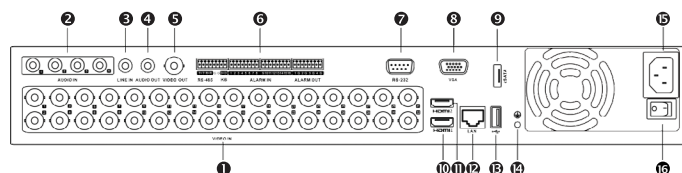
Storage	
SATA	2 SATA interface
Capacity	Up to 10TB capacity for each disk

Network and Interface	
Interface	1× RJ-45 (10/100/1000 Mbps) (Self-adaptive Ethernet)
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
Two-Way Talk	1 Channel, RCA (2.0 Vp-p, 1 kΩ) (Independent)
USB	Front: 2× USB 2.0 / Rear: 1× USB 3.0
Alarm In/Out	16/4
Remote connection	128

General	
Power Supply	100 ~ 240 V AC
Power Consumption	≤ 45 W
Operating Conditions	-10°C ~ 55°C (14°F ~ 131°F) / Less than 90% RH
Dimensions	440×390×70 mm (17.3"×15.4"×2.8")
Weight	≤ 7 kg (15.4 lb), without HDD

Physical Interface

Rear Panel		
❶	Video In	❾ eSATA Interface
❷	Audio In, RCA Connector	❿ HDMI1 Interface
❸	Line In	⓫ HDMI2 Interface
❹	Audio Output	⓬ LAN Network Interface
❺	Video Output	⓭ USB Interface
❻	RS-485, Keyboard, Alarm I/O	⓮ GND
❼	RS-232 Serial Interface	⓯ 100 ~ 240 V AC Power Input
❽	VGA Interface	⓰ Power Switch



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