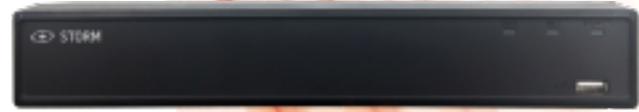


INS414UVR

4 Channel 4K Universal DVR

LiteAI Universal Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 8 channels IP camera inputs, each channel up to 8MP
- Max 64 Mbps incoming bandwidth
- IoT & POS functionalities
- Up to 4 channels video stream (analog channel) Area Protector
- Up to 4 channels video stream (analog channel) Smart Motion Detection
- Up to 2 channels video stream (analog channel) Face Recognition.



STORM Application

The STORM app is available on the iOS App Store and Google Play. It allows you to remotely access back-end devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Smart H.265+ & H.264+

STORM smart encoding technology can provide high-quality video with higher efficiency and can also reduce the cost of storage space and transmission adopting an advanced algorithm of auto stream control.

Unify your Security Solution

Due to its cost-effective and easy-to-install design, this UVR is ideal for a wide range of applications



INS414UVR

Product Specifications

4 Channel 4K Universal DVR

System	
Main Processor	Industrial embedded micro-processor
Operating System	Embedded LINUX
Operation Interface	Web; local GUI
Area Protector	
Performance	Advanced Model: 2 channels, 10 IVS for each channel General Model: 4 channels, 10 IVS for each channel
AI Search	Search for pictures by channel, time and event type
Smart Motion Detection	
Performance	4 channels (Minimizing false alerts triggered by foliage, precipitation, and shifts in lighting conditions)
AI Search	Search by target classification (Human, vehicles)
Face Detection	
Performance	2 channels
Face Attributes	Gender; age; glasses; expressions; mask; beard
AI Search Rate	Up to 8 face images/s each channel
Face Recognition	
Performance	2 channels
Face Database Capacity	Support for 20 facial databases containing a total of 20,000 facial images. Each facial image can include details like name, gender, birthdate, address, certificate type, certificate number, country/region, and state
AI Search	Search for pictures by channel, time and face attributes
Video	
Analog Camera Input	4 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect
Camera Input	CVI: 4K at 25/30fps; 6MP at 20fps; 5MP at 20fps; 5MP at 25fps; 4MP at 25/30fps; 1080p at 25/30fps; 720p at 25/30fps; 720p at 50/60fps TVI: 4K at 15fps; 5MP at 20fps; 4MP at 25/30fps; 3MP at 25/30fps; 1080p at 25/30fps; 720p at 25/30fps. 3. AHD: 4K at 15fps; 5MP at 20fps; 4MP at 25/30fps; 3MP at 25/30fps; 1080p at 25/30fps; 720p at 25/30fps IP: 4 IP channels by default + 4 channels (analog channels are converted to IP channels); incoming bandwidth: 64 Mbps
Video Bit Rate	32 kbps–6144 kbps
Encoding Capacity	Main stream: 4K at 1 to 7fps; 6MP at 1 to 10fps; 5MP at 1 to 12fps; 4K-N, 4MP, 3MP at 1 to 15fps; 4M-N, 1080p, 720p, 960H, D1,CIF at 1 to 25/30fps; Sub stream: 960H at 1 to 15fps; D1/CIF at 1 to 25/30fps
Video Output	HDMI1/HDMI2: 3840 × 2160; 1920 × 1080; 1280 × 1024; 1280 × 720 VGA: 1920 × 1080; 1280 × 1024; 1280 × 720
Multi-screen Display	IP extension mode not enabled: 1/4; IP extension mode enabled: 1/4/8/9
Third Party Camera Access	ONVIF; Panasonic; Sony; Axis; Arecont; Samsung
Compression	
Video	H.265+; H.264+; H.265; H.264
Audio	G.711a; G.711u; PCM
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; P2P; Auto Registration
Mobile Phone Access	Android; iOS
Interoperability	ONVIF (profile T/S/G); CGI; SDK
Browser	Firefox, IE, Chrome

*Design and specifications are subjects to change without notice.



INS414UVR

Product Specifications

4 Channel 4K Universal DVR

Recording	
Recording Playback	1 / 4 channels
Record Mode	General, motion detection; intelligent; alarm; POS
Backup	USB device and network
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Audio	
Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Two-way Talk	Supported (share the same audio input with the first channel)
Alarm	
General	Motion detection; video loss; video tampering
Anomaly	No disk; disk error; disk full; offline; IP conflict; MAC conflict
Smart Alarm	Area Protector; face detection; face recognition; smart motion detection
Alarm Linkage	Record; snapshot; IPC external alarm output; buzzer; log; preset; email; voice prompt
Rear Panel	
Audio Input	1 channel, RCA connector; 4-channel BNC (Coaxial Audio)
Audio Output	1 channel, RCA connector
HDD	1 SATA port, up to 16 TB capacity. The maximum HDD capacity varies with environment temperature
RS-485	1 port, for PTZ control
USB	1 front USB 2.0 port, 1 rear USB 2.0 port
HDMI	1
VGA	1
Network	1 RJ-45 10/100/1000 Mbps
General	
Certifications	CE: CE-LVD: IEC 62368-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024, EN 55035 FCC: Part 15 Subpart B
Installation	Rack or desktop
Power Supply	12 VDC, 2 A
Power Consumption	Less than 7 W (without HDD)
Weight	2.56 lbs (1.16kg)
Dimensions	325.0 mm × 257.2 mm × 55.0 mm (12.80" × 10.12" × 2.17") (W × D × H)
Operating Temperature	-10°C to +55°C (+14°F to +131°F); ≤93% (RH)

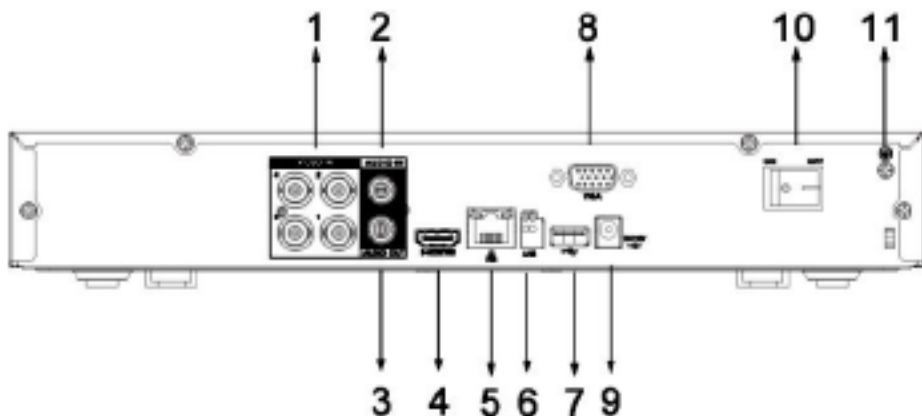
*Design and specifications are subjects to change without notice.



INS414UVR

Product Specifications

4 Channel 4K Universal DVR



- | | |
|----------------------------|---------------------------|
| 1 VIDEO IN | 2 AUDIO IN, RCA Connector |
| 3 AUDIO OUT, RCA Connector | 4 HDMI Port |
| 5 Network Port | 6 RS-485 Port |
| 7 USB Port | 8 VGA Port |
| 9 Power Input | 10 Power Switch |
| 11 Ground | |



*Design and specifications are subjects to change without notice.

