



AI People & Vehicle Detection
Gen. 2



AI Quick Search

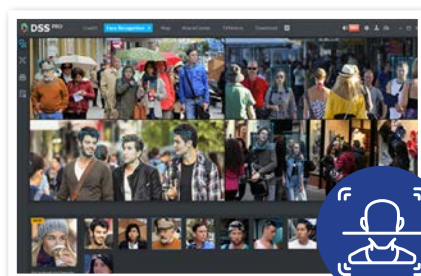


AI-enhanced surveillance

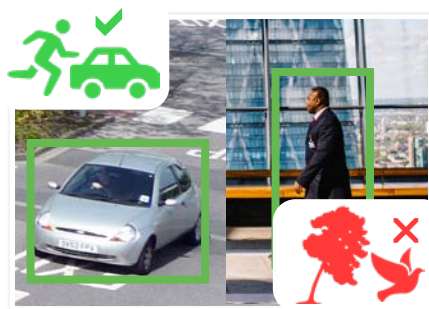
Professional AI Series: NVRs available in 8 channel with PoE

The VIP Vision™ Professional AI NVR offers advanced technologies to transform the way surveillance works for you. Monitor your operations with greater efficiency & reliability using intelligent face recognition, people/vehicle identification & more. Identify and blacklist strangers while whitelisting VIP, search footage playback and receive intelligent alerts to your devices for highly reliable security notification.

- Records up to 16.0 megapixel (4920 x 3264)
- Up to 256Mbps incoming bandwidth; H.265 support
- Perimeter protection with up to 10 IVS rules per
- AI tripwire/intrusion rule by NVR up to 2 channels, or;
- AI face recognition up to 1 channel by NVR, or;
- AI motion detection by NVR up to 4 channels
- Support for ANPR up to 4 channels
- Up to 2 x SATA bay with support for up to 16TB capacity
- Up to 8 built-in port PoE switch HDDs per bay
- HDMI and VGA simultaneous video output
- Backup footage via external USB device or local network
- Decoding up to 8CH@4.0MP/25fps (AI disabled)



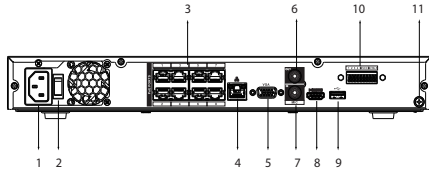
AI Powered Facial Recognition



Smart Person & Vehicle Detection



Intelligent Footage Searching

Specifications	8 Channel NVR
Ordering Information	NVR342
General	
Main Processor / OS	Industrial-grade processor, Embedded Linux
Video Input	8 channel
Interoperability	ONVIF 21.12(Profile T; Profile S; Profile G); CGI; SDK
Display	
Video Output	1 x HDMI, 1 x VGA
Display Resolution	Configurable from 3840 x 2160 to 1280 x 720
Display Split	1/4/8/9
Recording	
Recording Resolution	Configurable from 16.0MP (4920 x 3264) to CIF (352 x 288)
Incoming Bandwidth (AI Disabled)	256Mbps Mbps incoming (recording/outgoing)
Incoming Bandwidth (AI Enabled)	180Mbps Mbps incoming (recording/outgoing)
Decoding Capacity (AI Disabled)	8 channel: 4.0MP (25fps)
Decoding Capacity (AI Enabled)	8 channel: 1080P (25fps)
Video Compression	Smart H.265+ / H.265 / H.264 / H.264+ / MJPEG
Record Modes	General / motion detection / intelligent / alarm
AI	
AI Functions by Recorder	Face detection, face recognition, AI Tripwire/Intrusion and AI Human/Vehicle Detection
AI Functions by Cameras	Face detection, ANPR, People Counting, Heatmap, AI Tripwire/Intrusion and AI Human/Vehicle Detection
Face Detection & Recognition	
Face Detection (Recorder)	1 channel
Face Detection (Cameras)	8 channels
Face Detection Features	Whitelist, Blacklist, Stranger Mode
Face Detection Performance	Up to 10 face databases with 200,000 face images
Face Recognition (Recorder)	1 channel (with Ultimate AI cameras)
Face Recognition (Cameras)	8 channels
Face Recognition Performance	12 face images/s
Motion Detection	
Tripwire/Intrusion (Recorder)	2 channels, 10 IVS rules for each channel
Tripwire/Intrusion (Cameras)	8 channels
Motion Detection (Recorder)	4 channels
Motion Detection (Cameras)	8 channels
Features	
Alarm Input / Output	4 channels / 2 channels
Trigger Events	Record, snapshot, IPC external alarm output, audio, buzzer, log, preset, email
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Backup Modes	USB device and network
Network	
Ethernet	1 x RJ-45 port (10/100/100Mbps)
Power over Ethernet	4 ports, 10/100 Mbps, IEEE 802.3 af/at
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, Easy4ip
Remote View	iOS (iPhone, iPad) / Android devices
Storage	
Internal HDD	1 x SATA III Ports up to 16TB
USB Interface	2 USB ports: 1 x Rear USB 2.0 / 1 x Front USB 2.0
Environment	
Power Supply	100-240 VAC / 47-63 Hz
Power Consumption	<10W (without HDD) / PoE: Max 25.5W for single port, 72W total
Operating Environment	-10°C ~ +55°C / 10 ~ 93%RH
Dimensions / Rack Units	375mm x 329mm x 53mm / 1U
Weight	2.51kg (without HDD)
Additional Information	
Product Diagrams	 <p>1 Power Input 2 Power Switch 3 PoE Ports 4 Network Port 5 VGA Port 6 AUDIO OUT, RCA Connector 7 AUDIO IN, RCA Connector 8 HDMI Port 9 USB Port 10 Alarm Input/Output 11 Ground</p>

Your local VIP Vision™ IP solutions professional: