VIP vision

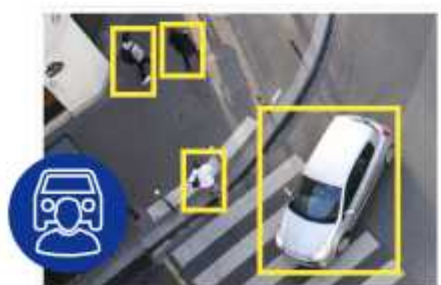AI People & Vehicle Detection

Face Recognition

AI Quick Search

Enterprise AI surveillance.

Ultimate AI Series: NVRs available in 64 and 128 channel

Monitor your enterprise's operations with ease using the VIP Vision™ Ultimate AI Series Network Video Recorder. Enjoy accurate video notifications and seamless footage search powered by advanced AI. Simultaneously connect more users with 2.5GBps Ethernet input for a better user experience. Protect what's most important to you by integrating a wide range of cameras and benefit from ample footage storage.

- Record up to 32.0MP with H.265 video compression
- Up to 1024Mbps bandwidth (800Mbps outgoing)
- Suite of AI functions for improved alerts & playback
- Supports AI face detection and recognition via NVR
- Supports AI human/vehicle detection via NVR

- Supports ANPR by camera up to 32 channels
- 8 x SATA bay with HDD support up to 16TB/bay
- Backup via external USB device or local network
- Supports 2 x 2.5GBps Ethernet network input
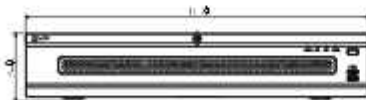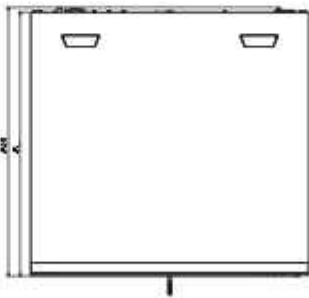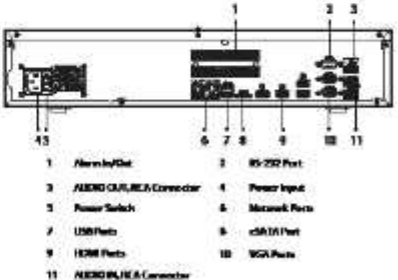- Decode up to 64 channels at 720p (fps)

AI Human & Vehicle Detection

AI Face Detection & Recognition

Find Footage with AI Quick Search

Crucial evidence. Always.™

Product specifications may be subject to change.

		NVR64ULT-I	NVR128ULT-I
General	Video Input	64 channel	128 channel
	Processor & Operation	Industrial-grade processor, Embedded Linux OS, Web Interface / Local GUI	
	Interoperability	ONVIF (Profile T; Profile S; Profile G); CGI; SDK. Supports RTSP, Sony, Samsung, Axis, Pelco, Arecont, Canon. Chrome, IE9 and later, Firefox support.	
	App Integration	iOS / Android	
Recording	Recording Resolution	Configurable from 32.0MP (6528 x 4896) to D1 (704 x 576)	
	Network Bandwidth — AI Disabled	1024Mbps (incoming/recording), 800Mbps (outgoing)	
	Network Bandwidth — AI Enabled	512Mbps (incoming/recording), 400Mbps outgoing	
	Video & Audio Compression	Video: Smart H.265+ / H.265 / H.264 / H.264+ / MJPEG / MPEG4, Audio: G.711a / G.711u / PCM / G726	
	Playback — Channels	Up to 16 channels	
	Playback — Modes	General Recording, Motion Detection, Intelligent Events, Alarm Triggers	
	Decoding Capacity — AI Disabled	8CH@8.0MP/25fps, 64CH@720P/25fps	8CH@8.0MP/25fps, 128CH@D1/25fps
	Decoding Capacity — AI Enabled		
	Backup Method	Portable hard drive / Burner / USB device / Network / eSATA	
Interface	HDD	8 x SATA bays up to 16TB per bay, RAID 0/1/5/6/10, Hot swapping	
	Audio	1 channel input (RCA), 2 channel output (RCA)	
	Alarm — Interface	16 channels input, 8 channels output	
	Alarm — Types	General (motion, video loss, scene change, etc.), Anomalies (camera disconnect, disk full, IP conflict , etc.), Intelligent (AI alerts, face, human/vehicle, etc.)	
	Alarm — Actions	Begin record, take snapshot, camera external alarm output, audio, buzzer, NVR log, camera preset, email	
	Display — Input	4 x HDMI (up to 3840 x 2160), 2 x VGA (up to 1920 x 1080)	
	Display — Split	1st Screen: 1/4/8/9/16/25/36/64, 2nd Screen: 1/4/8/9/16/25/36	
	Display — Mode	Single Source (Mirrored): HDMI1@4K, HDMI2@4K, HDMI3@8K, HDMI4@1080p, VGA1@1080p, VGA2@1080p Multiple Sources (Up to 4 sources): HDMI1@4K + VGA1@1080p (mirror), HDMI2@4K + VGA2@1080p (mirror), HDMI3@4K, HDMI4@1080p	
	Network — Input	2 x 2500Mbps Ethernet	
	Network — Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, Easy4ip	
	Network — Mode	Multi-address mode, load balance, fault tolerance & other network port binding modes	
	USB & Other Inputs	2 x Front USB 2.0, 2 x Rear USB 3.0 / 1 x RS-485 A/B, 1 x RS-232, 1 x eSATA	
Artificial Intelligence	NVR Operated AI	Face Detection, Face Recognition, AI Human/Vehicle Detection, Video Metadata	
	Supported Camera AI	Face Detection, Face Recognition, AI Human/Vehicle Detection, ANPR, People Counting, Heatmap, Video Metadata	
	Face Detection — Functions	Gender, Age Group, Glasses, Expressions, Face Mask, Beard	
	Face Detection — By NVR	4 channels (up to 12 face images per second, per channel)	
	Face Detection — By Camera	64 channels	
	Face Recognition — Capacity	NVR Supports up to 40 face databases and 300,000 face images	
	Face Recognition — By NVR	4 channels (Face detection via NVR video stream analysis; Face recognition performed by NVR) 20 channels (Face detection performed via Face Capture cameras via image stream; Face recognition performed via NVR)	
	Face Recognition — By Camera	64 channels	
	Human/Vehicle Detection — Functions	AI Tripwire & Intrusion (IVS), AI Motion Detection (SMD)	
	Human/Vehicle Detection — By NVR	IVS: 24 channels (10 rules per channel), SMD: 32 channels	
	Human/Vehicle Detection — By Camera	IVS: 64 channels, SMD: 64 channels	
	ANPR — Functions	Up to 20,000 plate numbers, blocklist & allowlist	
	ANPR — By Camera	32 channels	
	Video Metadata — Functions	People (clothing colour, hat, bag, umbrella, etc.), Vehicle (vehicle colour, vehicle model, number plate, etc.)	
	Video Metadata — By NVR	8 channels	
	Video Metadata — By Camera	32 channels	
Environment	Power Supply	100–240 VAC / 50-60 Hz	
	Power Consumption	≤ 18W (without HDD)	
	Operating Environment	-10°C ~ +55°C / 10 ~ 93%RH	
	Dimensions / Rack Units	440mm × 460mm × 95mm / 2U	
	Weight	6.4kg (without HDD)	
Additional Information	Product Diagrams		

Product Diagram Legend:
1. Alarm In/Out
2. AUDIO OUT, RCA Connector
3. RS-232 Port
4. Power Input
5. Power Switch
6. Network Ports
7. USB Ports
8. eSATA Port
9. HDMI Ports
10. VGA Ports
11. AUDIO IN, RCA Connector

Your local VIP Vision™ IP solutions professional: