

Powerful AI. Built for Larger Systems.

Professional AI Series: High-capacity NVRs available in 32 & 64 channels

Take control of larger surveillance systems with VIP Vision™ Professional AI Series Network Video Recorders. Advanced AI analytics detect people and vehicles, recognise faces and extract detailed video attributes, while AcuPick intelligent target search helps operators find relevant footage faster. With support for up to 64 cameras and extensive storage capacity, these NVRs are built for demanding surveillance applications.

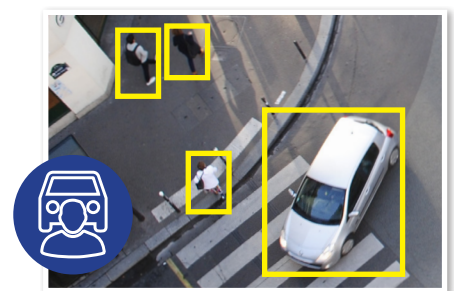
- Record up to 32MP with Smart H.265+ compression
- Up to 448Mbps bandwidth (200Mbps AI enabled)
- Available in 32 & 64 channel configurations
- Up to 8 x SATA bays supporting 20TB per HDD
- RAID 0/1/5/6/10 support on 64-channel model
- 4-channel AcuPick intelligent target search
- 4-channel Video Metadata with 22-attribute extraction
- 16-channel SMD Plus human & vehicle detection
- 4-channel AI face detection & recognition via NVR
- ANPR support via compatible AI cameras



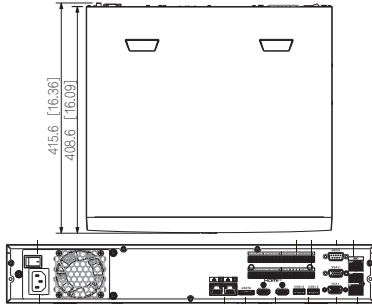
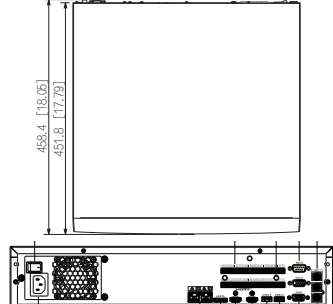
Find Footage with AcuPick



Video Attribute Extraction



AI Human & Vehicle Detection

		NVR32PRO-I4	NVR64PRO-I4
General	Video Input	32 channel	64 channel
	Processor & Operation	Industrial-grade processor, Embedded Linux OS, Web Interface / Local GUI	
	Interoperability	ONVIF 25.06 (Profile T, S, G, M); CGI; SDK	
	App Integration	iOS / Android	
Recording	Recording Resolution	Configurable from 32MP to QCIF	
	Network Bandwidth	AI Disabled: 448Mbps (incoming/recording/outgoing) AI Enabled: 200Mbps (incoming/recording/outgoing)	
	Video & Audio Compression	Video: Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG, Audio: G.711a / G.711u / PCM / G.726	
	Playback	Channels: Up to 16 channels Modes: General Recording, Motion Detection, Intelligent Events, Alarm Triggers, POS	
	Decoding Capacity	AI Disabled: 10CH@8MP/30fps, 20CH@4MP/30fps, 32CH@1080P/30fps AI Enabled: 8CH@8MP/30fps, 16CH@4MP/30fps, 32CH@1080P/30fps	10CH@8MP/30fps, 20CH@4MP/30fps, 40CH@1080P/30fps 8CH@8MP/30fps, 16CH@4MP/30fps, 32CH@1080P/30fps
	Backup Method	USB device / Network	
	HDD	4 × SATA bays, up to 20TB per bay; 1 × eSATA	8 × SATA bays, up to 20TB per bay; 1 × eSATA
Interface	RAID	-	RAID 0/1/5/6/10
	Audio	1 channel input (RCA), 2 channel output (RCA)	
	Alarm	Interface: 16 alarm inputs; 6 alarm outputs (including 1 × 12V 1A output) Types: General: Motion, external & network; Anomaly: Disk, network, video & audio; Intelligent: AI analytics Actions: Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email	16 alarm inputs; 8 alarm outputs (including 1 × 12V 1A output) General: Motion, external & network; Anomaly: RAID, disk, network, video & audio; Intelligent: AI analytics
	Display	Input: 2 × HDMI, 2 × VGA Split: Main 1/4/8/9/16/25/36; Sub 1/4/8/9/16	Main 1/4/8/9/16/25/36/64; Sub 1/4/8/9/16
	Network	Input: 2 × RJ-45 10/100/1000Mbps Ethernet Functions: HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search; iSCSI	4 × USB (2 front USB 2.0, 2 rear USB 3.0); 1 × RS-232; 1 × RS-485; 1 × RS-422; 1 × eSATA
	USB & Other Inputs	3 × USB (1 front USB 2.0, 2 rear USB 3.0); 1 × RS-232; 1 × RS-485; 1 × eSATA	
	NVR Operated AI	Face detection; face recognition; video metadata (human, motor vehicles, non-motor vehicles); perimeter protection; SMD Plus; AcuPick	
	Supported Camera AI	Face Detection & Recognition; Metadata; Perimeter Protection; SMD; ANPR; People & Vehicle Analytics; PPE Detection; AcuPick; Smart Detection	
	Face Detection	Functions: Attributes: gender, age group, glasses, expressions, face mask, beard By NVR: 4 channels, up to 12 face images/s per channel By Camera: All channels, 32 targets/s	
	Face Recognition	Capacity: Up to 20 face databases / 30,000 images / 3.75GB total By NVR: 24 channels (Face Detection by camera, Face Recognition by NVR): 24 images/s; 4 channels (Face Detection & Recognition by NVR): 24 images/s By Camera: All channels, 32 targets/s	
Artificial Intelligence	Human/Vehicle Detection	Functions: AI Tripwire & Intrusion (IVS), AI Motion Detection (SMD Plus) By NVR: 16 channels By Camera: All channels, 64 targets/s	
	AcuPick	Functions: AI-assisted target search to quickly locate relevant people and vehicles in recorded footage By NVR: 4 channels By Camera: All channels, 32 targets/s	
	ANPR	Functions: License plate comparison; up to 20,000 plate numbers; blocklist and allowlist By Camera: All channels, 8 targets/s	
	Video Metadata	Functions: People: clothing colour/type, hat, bag, age, gender, umbrella; Vehicles: plate, plate colour, body colour, model, logo; Non-motor vehicles: model, colour, persons, helmet By NVR: 4 channels; video attributes enable faster event search during playback By Camera: All channels, 16 targets/s	
	Power Supply	100–240VAC, 50/60Hz	
	Power Consumption	≤13W without HDD	
	Operating Environment	–10°C to +55°C; 10%–93% RH, non-condensing	
Environment	Dimensions / Rack Units	440 × 415.6 × 76mm; 1.5U	440 × 458.4 × 94.9mm; 2U
	Weight	4.27kg (without HDD)	6.27kg (without HDD)
Additional Information	Product Diagrams		

Your local VIP Vision™ IP solutions professional: