



Intelligent Recording. Faster Searching.

Professional AI Series: Intelligent NVR solutions available in 16 & 32 channels

Find important footage faster with VIP Vision™ Professional AI Series NVRs. Video Metadata extracts detailed attributes from people and vehicles, including clothing colour, age, gender, vehicle colour, model and licence plate information. AcuPick intelligent target search helps operators quickly locate relevant people and vehicles across recordings, reducing time spent manually searching hours of footage.

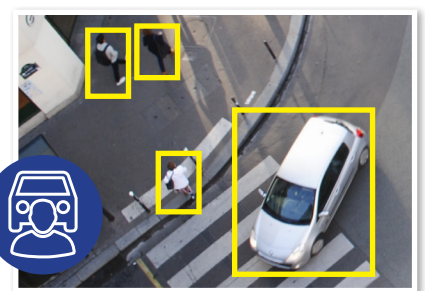
- Record up to 32MP with Smart H.265+ compression
- Up to 448Mbps bandwidth (200Mbps AI enabled)
- 16 built-in PoE ports with up to 200W PoE budget
- 4 x SATA bays supporting up to 20TB per HDD
- HDMI output up to 8K resolution
- 4-channel AcuPick intelligent target search
- 4-channel Video Metadata 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



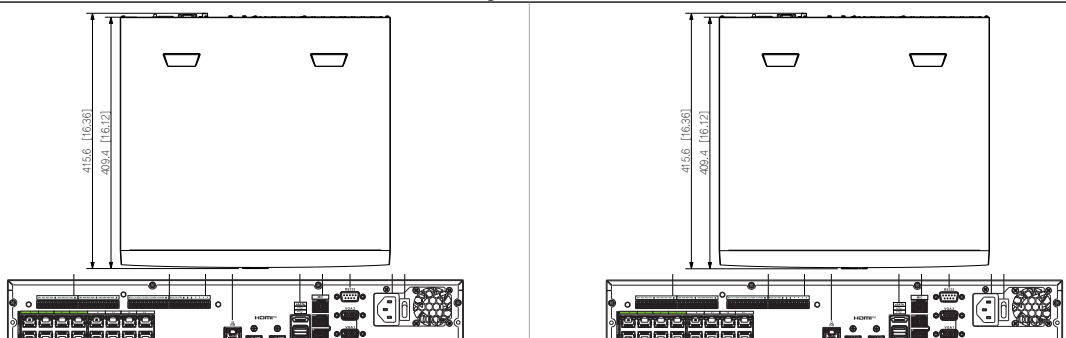
Find Footage with AcuPick



Video Attribute Extraction



AI Human & Vehicle Detection

		NVR16PRO16P-I4	NVR32PRO16P-I4
General	Video Input	16 channel	32 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	448Mbps (incoming/recording/outgoing)	
	AI Disabled	200Mbps (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	Up to 16 channels	
	Channels	General Recording, Motion Detection, Intelligent Events, Alarm Triggers, POS	
Decoding Capacity	AI Disabled	10CH@8MP/30fps, 16CH@5MP/30fps	10CH@8MP/30fps, 20CH@4MP/30fps, 32CH@1080P/30fps
	AI Enabled	8CH@8MP/30fps, 16CH@4MP/30fps	8CH@8MP/30fps, 16CH@4MP/30fps, 32CH@1080P/30fps
Backup Method		USB device / Network	
Interface	HDD	4 x SATA bays, up to 20TB per bay	
	Audio	1 channel input (RCA), 2 channel output (RCA)	
	Alarm	16 channels input, 6 channels output	
	Interface	General (motion, external, network, etc.), Anomalies (disk, network, video & audio, etc.), Intelligent (AI alerts, etc.)	
	Types	Record, snapshot, local/IPC alarm output, audio, buzzer, log, preset, email	
	Actions	2 x HDMI, 2 x VGA	
	Display	Main: 1/4/8/9/16; Sub: 1/4/8/9/16	
	Split	Main: 1/4/8/9/16/25/36; Sub: 1/4/8/9/16	
	Network	1 x 1000Mbps Ethernet, 16 x PoE 10/100Mbps	
	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	
USB & Other Inputs		1 x Front USB 2.0, 2 x Rear USB 3.0, 1 x RS-485, 1 x RS-232, 1 x eSATA	
Artificial Intelligence	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	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	
	Capacity	Up to 20 face databases / 30,000 images / 3.75GB total	
	Face Recognition	16 channels (Face Detection by camera, Face Recognition by NVR): 16 images/s; 24 channels (Face Detection by camera, Face Recognition by NVR): 24 images/s;	
	By NVR	4 channels (Face Detection & Recognition by NVR): 24 images/s	
	By Camera	All channels, 32 targets/s	
	Human/Vehicle Detection	AI Tripwire & Intrusion (IVS), AI Motion Detection (SMD Plus)	
	By NVR	16 channels	
	By Camera	All channels, 64 targets/s	
	AcuPick	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	License plate comparison; up to 20,000 plate numbers; blocklist and allowlist	
	By Camera	All channels, 8 targets/s	
	Video Metadata	People: clothing colour/type, hat, bag, age, gender, umbrella; Vehicles: plate, plate colour, body colour, model, logo; Non-motor vehicles: model, colour, persons, helmet	
Environment	Power Supply	100–240VAC, 50/60Hz	
	Power Consumption	NVR <13W without HDD; total PoE output 200W; max. 25.5W per PoE port	
	Operating Environment	–10°C to +55°C; 10%–93% RH, non-condensing	
	Dimensions / Rack Units	440.0 × 415.6 × 76.0mm (W × D × H); 1.5U	
Additional Information	Weight	4.56kg (without HDD)	
	Product Diagrams		

Your local VIP Vision™ IP solutions professional: