NYX

THINKING AI SERIES

Features

32ch 4K PoE NVR supporting Facial and License Plate recognition. Internal searchable 10000 entry database - no external server or software required.
8 Hdd Bays

6ch fast face recognition with AI Cameras
2ch face recognition with non AI Cameras
2 x HDMI ports
2 x Gb Ethernet ports

The system is highly customisable to meet your needs.

16 PoE Plug & Play IP Camera ports for easy connectivity, simultaneous 16ch playback, and 4K high definition display output.

Easy to use, intuitive user interface with time saving analytical search functions.

Facial Recognition

10000 entry *internal database* can be configured with multiple categories for *easy management*. Quickly *search for people* in your database for *easy video retrieval*.

Be *alerted* by matches from your custom
✖BLACKLIST & ✔WHITELIST

License Plate Recognition

OCR functionality with *NYX ANPR* cameras allows you to *catalogue* and *search* by license plate data from the *internal database*.

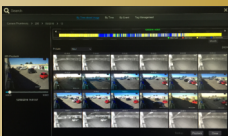Create custom *BLOCK* & *ALLOW* lists for alerts.

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People & Vehicle Detection

When used with compatible cameras, this *advanced AI* feature can detect *people* and *vehicles* allowing you to quickly search footage or be alerted via *Push Notifications*.

Time-Slice Search

The *fastest* method of finding video footage. Simply click on any *thumbnail image* to start instant playback. Find what you're looking for in *seconds* - not hours!

Push Notifications

Have your NVR *alert* you to intrusions or events by *pushing notifications* straight to your smartphone. Playback the event within seconds for *peace-of-mind* and quick response!**

Specifications

System	Compression	H.265S/H.265+/H.265/H.264
	Operating System	Embedded Linux
	Performance	Pentaplex: preview, record, playback, backup and remote access
Video	Network Input	32 Channel IPC input
	Global Bitrate	192Mbps/192Mbps
	Input Resolution	8MP / 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P @25 / 30fps
	Output	HDMI x2: 4K (#1), 1080P, 1280x1024 / VGA x1: 1080P, 1280x1024
Audio	Network Input	32 Channel IPC audio input
	2-way Audio	RCA x1
	Local Output	RCA x1
Record	Record Stream	Dual Stream recording
	Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
	Mode	Manual, Timer, Motion, Sensor
Playback	Playback	Max 16 Channel Simultaneous
	Search	Time Slice / Time / Event / Sensor / POS
	Function	Play, pause, FF, FB, digital zoom
Alarm	Mode	Manual, Sensor, Motion, Exception
	Input	16 Channel local alarm input, support IPC alarm input
	Output	4 Channel
	Triggering	Record, Snap, Email, Preset
Target Database	Capacity	16 libraries, 10000 entries
	Computing speed	240 images / minute
	Search Options	Face image, license plate text, name
	Face image adding	Local playback & search, APP, USB, NVMS platform
	External image import	JPEG up to 1920x1080 <200KB
	Database match rules	Allow, Block
	Database management	Add, modify, delete, search, import, export
Network	Interface	RJ45 x2 : 10/100/1000 Mbps
	PoE Port	RJ45 x16
	Supported Protocols	TCP/IP, IPv4, IPv6, DHCP, DNS, DDNS, UPnP, NTP, SMTP, SSL/TLS, PPPoE, 802.1x, NAT, FTP, SNMP
	Remote Access	Max 10 users online
POS	16 Channel Support	Optima, Haley, SAM4S, AVE
Smartphone	Platform	iOS, Android
Storage	HDD	SATA x8, e-SATA x1 : Max 10TB per HDD
Backup	Backup	USB Flashdrive, USB mobile HDD, Network
Ports	USB	USB 2.0 x1 (front panel), USB 3.0 x1 (rear panel)
Other	Accessories	Mouse, Remote Control, Rack Mount Hardware
	Cooling Fan	Single
	Power Consumption	≤ 30W (without HDD) 240V
	Dimensions (mm)	445(W) x 436(D) x 90(H)
	Working Environment	-10°C ~ 50°C 10% ~ 90% humidity

Product specifications and appearance subject to change without notice