

NYX

**THINKING
AI SERIES**

NYX IPX-16P IQ+

Features

16ch 4K PoE NVR supporting Facial and License Plate recognition. Internal searchable 10000 entry database - no external server or software required.

Human/Vehicle Classification on a Non-AI IPC
6CH fast face recognition with AI camera, 18p/s
2CH face recognition with non-AI camera
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.



**4K
ULTRA HD**

Specifications

System	Compression	H.265
	Operating System	Embedded Linux
	Performance	Pentaplex: preview, record, playback, backup and remote access
Video	Network Input	16 Channel IPC input
	Global Bitrate	160Mbps
	Input Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P @25 / 30fps
	Output	HDMI x2: 4K, 1080P, 1280x1024 / VGA x1: 1080P, 1280x1024
Audio	Network Input	16 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
Playback	Mode	Manual, Timer, Motion, Sensor
	Playback	Max 16 Channel Simultaneous
	Search	Time Slice / Time / Event / Sensor / POS
Alarm	Function	Play, pause, FF, FB, digital zoom
	Mode	Manual, Sensor, Motion, Exception
	Input	16 Channel local alarm input, support IPC alarm input
Target Database	Output	4 Channel
	Triggering	Record, Snap, Email, Preset
	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
Network	Database match rules	Allow, Block
	Database management	Add, modify, delete, search, import, export
	Interface	RJ45 x2 : 10/100/1000 Mbps
POS	PoE Port	RJ45 x16
	Supported	TCP/IP, IPv4, IPv6, DHCP, DNS, DDNS, UPnP, NTP, SMTP, SSL/TLS, PPPoE, 802.1x, NAT, FTP, SNMP
	Protocols	Remote Access
Smartphone	Platform	Max 10 users online
Storage	HDD	Optima, Halex, SAM4S, AVE
Backup	Backup	iOS, Android
Ports	USB	SATA x4, e-SATA x1 : Max 10TB per HDD
Other	Accessories	USB Flashdrive, USB mobile HDD, Network
	Cooling Fan	USB 2.0 x1 (front panel), USB 3.0 x1 (rear panel)
	Power Consumption	Mouse, Remote Control, Rack Mount Hardware
	Dimensions (mm)	Single
Working Environment		≤ 15W (without HDD) 240V 440(W) x 390(D) x 76(H) -10°C ~ 50°C 10% ~ 90% humidity

Product specifications and appearance subject to change without notice

** Push notifications and remote viewing are reliant on broadband connectivity provided by 3rd party infrastructure which at times may be limited by network congestion or ISP restrictions. For mobile app connectivity, a reliable internet service with over 1Mbps upload speed is recommended at the recorder. Some ISPs restrict or limit some activity within their router/modems or network, which may impact or deny access to the mobile app service. No guarantee or responsibility is accepted for connection problems based on 3rd party equipment or ISP performance.

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

XBLACKLIST & 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.

ABC-123

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!

