

# Cygnus-BX-8CH-AI 8CH PoE NVR

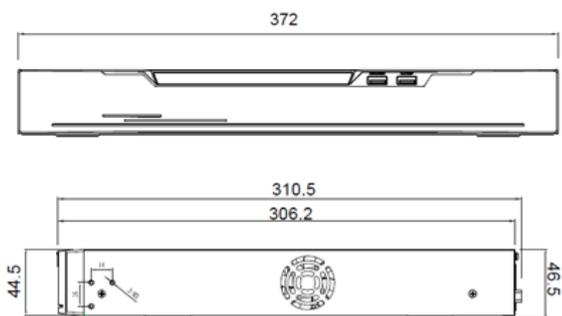
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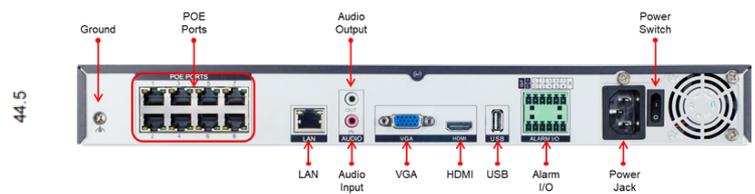
## FEATURES

- Up to 8ch IP cameras access
- Up to 1-ch @ 12MP/4-ch @ 4MP/8-ch @ 1080P decoding capacity
- Support face recognition and multi-objective recognition
- Intelligent analysis by NVR: Intrusion (support the accurate detection of vehicle and human)
- 2 SATA hard disk, up to 12TB for each HDD
- 1 RJ45 10/100/1000Mbps network interface
- Plug & Play with 8 PoE interface
- Smart search & playback
- Support cloud upgrade

## OVERVIEW



## REAR PANEL



Video Input	
IP Camera Input	8 Channel
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps

Video Output	
HDMI Output	3840×2160,1920×1080, 1280×1024, 1024×768
VGA Output	1920×1080, 1280×1024, 1024×768
Decoding Capacity	1ch 12MP, 4ch 4MP, 8ch 1080P Enable Local Intelligence: 1ch 8MP, 4ch 1080P, 8ch D1
Dual Stream	Support
Multi-screen Display	1/4/9

AI Recognition	
Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)
Smart Search	Time, Properties, Pictures, License plate
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.

Recoding	
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS

Playback and Backup	
Sync Playback	8/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network

Alarm	
General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out, IVS (by camera)
Intelligent Analysis (By Camera)	Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion detection, Enter Area, Leave Area, etc.
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect
Intelligent Analysis	4-ch Intrusion detection (support the accurate detection of vehicle and human) by NVR

### Network

<b>Network Function</b>	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
<b>Remote Users</b>	8 users
<b>Smart Phone</b>	iPhone, iPad, Android
<b>Interoperability</b>	ONVIF, SDK, CGI

### Interface

<b>Interface</b>	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
<b>PoE</b>	8 ports, 10/100Mbps, 802.3af/at, max 128W
<b>HDMI</b>	1
<b>VGA</b>	1
<b>Audio I/O</b>	1/1
<b>Alarm I/O</b>	8/1
<b>USB</b>	3 ports (USB 2.0 × 3)
<b>Reset Button</b>	On-board reset button

### Storage

<b>HDD</b>	2 SATA Ports, up to 12TB for each HDD
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### General

<b>Power Supply</b>	AC100 ~ 240V
<b>Power Consumption</b>	< 15 W (without HDD)
<b>Operating Conditions</b>	-10 °C ~ 50 °C (14 °F ~ 122 °F)
<b>Storage Conditions</b>	Less than 90% RH
<b>Certifications</b>	CE/FCC
<b>Dimensions</b>	372 × 310.5 × 46.5 mm (16.65 × 12.2 × 2.2 inch)
<b>Net Weight</b>	2.1 kg (4.63 lb) without HDD