



# NVR

## Easy Series

With excellent usability, reliability, and capability, the Easy Series is an ideal choice for the distribution and retail market. It performs well in handling input and video storage from multiple IP cameras, and its user-friendly device enclosure and software GUI enhance the operator's experience. Additionally, the Easy Series offers a variety of options to meet different requirements, including plastic or metal enclosures, PoE and non-PoE models, 4/8/16/32 channels, and 1/2/4 HDD configurations.

# High Reliability

## Higher I/O Efficiency:

Higher writing efficiency is achieved by eliminating file packing and rewriting processes, allowing direct writing to the hard disk.

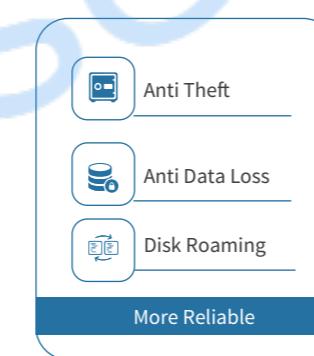
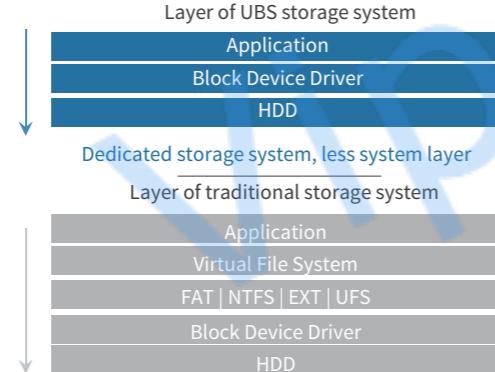
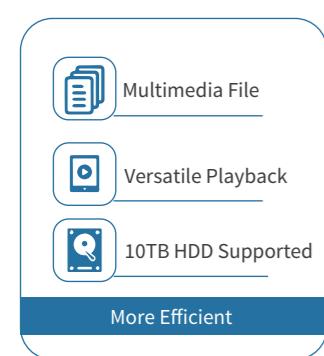
## Secured Data:

The UBS (Uniview Block Storage) technology uses a proprietary algorithm for data mapping, preventing any method from directly accessing video data on the hard disk.

## Data Anti-theft and Accurate Playback Retrieval:

UBS is able to retrieve recording.

# The UBS Storage System



# Easy to Use - Plug & Play

Simply connect the cables and power on – no additional training or manpower required.



Less Configuration



More Efficient

## Automatic Configuration

- Device IP assignment
- Preview sequence
- Storage configuration

# Easy to Use - Network Adaptability

If a camera's IP address changes, the NVR will automatically adapt based on the camera's MAC address.



LANO: 206.2.1.100 | 1C-6F-65-20-49-3E  
EANO: 206.1.102 | 1C-6F-65-20-49-3E

Less Worries



Less than 5 seconds to recover

More Efficient



IP change will no longer interrupt your business



Detect real time connection  
IP modification synchronize



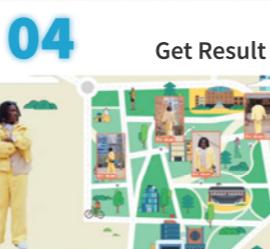
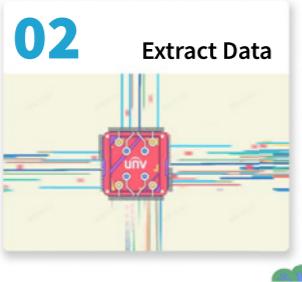
Mac based RARP device query  
Swift connection recovery

# AcuSearch

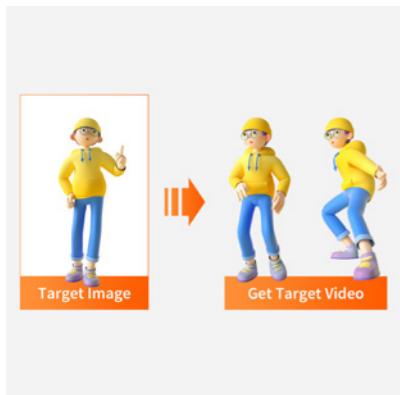
**IN ONE CLICK,**  
find the one you want

**IN SECONDS,**  
search target from  
massive data

**AFFORDABLE**  
and accessible solution



## What's the secret behind AcuSearch?



### Brand New Video Targeted Search

UNV AcuSearch adopts a brand-new video target search approach. Users only need to select the target object in the playback or live view interface by drawing a bounding box. The algorithm extracts corresponding targets based on the selected area, then analyzes the target type and extracts feature data. This information is then compared with existing data in the database, providing users with relevant historical data.

This innovative search method significantly enhances user search efficiency, offering a more intuitive search experience.



Hat



Luggage Rack



Glasses



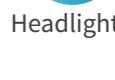
Clothing



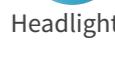
Car Type



Car Logo



Headlights



Ornaments

### Intelligent Data Processing

AcuSearch's algorithms focus not only on capturing the overall features of people and motor vehicles when extracting object features, but also on meticulous local features, such as hairstyle and hair color of the human body, as well as the headlights of the motor vehicle, whether or not it is carrying a luggage rack.

This ensures a high degree of accuracy is achieved during the matching process, providing users with a more reliable recognition experience.



### All Data Analysis on NVR

UNV AcuSearch fully leverages the potential of Network Video Recorder (NVR) to comprehensively analyze people and motor vehicles. By extracting features and storing them in a database, it ensures that any appearing individuals or motor vehicles are thoroughly recorded.

The rich data source guarantees users can access relevant information about the targets during usage, preventing the omission of any crucial details.

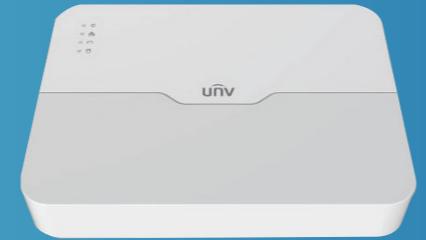
### Recommend Products



3-B-IQ Series

# NVR301-LS3-P8

- Support Ultra 265/H.265/H.264 video formats
- 1 SATA, 8channels
- Plug & Play with 8 independent PoE network interfaces
- Up to 6TB for each disk
- Decoding ability: 1×4K@30, 4x1080P@30
- Bandwidth I/O: 64/48Mbps
- Audio I/O: 0/1
- Support HDMI and VGA simultaneous output



# NVR302-16B-P16-IQ

- Support Ultra 265/H.265/H.264 video formats
- 2 SATA, 16 channel input
- Plug & Play with 16 independent PoE network interfaces
- Up to 10TB for each disk
- Decoding capability: smart off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
- Bandwidth I/O: 160/128Mbps
- Alarm I/O: 8/2
- Audio I/O: 1/1
- Support VGA and HDMI simultaneous output



Easy

	NVR301-04S3	NVR301-08S3	NVR301-16S3	NVR301-04S3-P4	NVR301-08S3-P8
<b>Appearance</b>					
IP Video Input	4-ch	8-ch	16-ch	4-ch	8-ch
Video/Audio Input	N/A	N/A	N/A	N/A	N/A
Input Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps	64 Mbps
Audio Input	N/A	N/A	N/A	N/A	N/A
HDMI	1	1	1	1	1
VGA	1	1	1	1	1
Video/Audio Output					
Audio Output	1	1	1	1	1
Outgoing Bandwidth	48 Mbps	48 Mbps	48 Mbps	48 Mbps	48 Mbps
Decoding Capability	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 6 x 1080P@30, 8 x 720P@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30
<b>Storage</b>					
HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
External Interface					
PoE	N/A	N/A	N/A	4 x PoE+	8 x PoE+
Serial Interface	N/A	N/A	N/A	N/A	N/A
USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
Alarm I/O	N/A	N/A	N/A	N/A	N/A
<b>Other</b>					
Power Supply	DC 12V/ 2A	DC 12V/ 2A	DC 12V/ 2A	DC 48V/ 1.35A	DC 52V/ 1.8A
Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	260mm × 240mm × 46 mm (10.2" × 9.4" × 1.8")	260mm × 240mm × 46 mm (10.2" × 9.4" × 1.8")
Weight(Without HDD)	≤0.98kg	≤0.98kg	≤0.98kg	≤1.1kg	≤1.1kg

## Easy

**Appearance****NVR301-04LS3-P4****NVR301-08LS3-P8****NVR301-16LS3-P8**

IP Video Input

4-ch

8-ch

16-ch

Analog Video Input

N/A

N/A

N/A

Video/Audio Input

64 Mbps

64 Mbps

64 Mbps

Audio Input

N/A

N/A

N/A

HDMI

1

1

1

VGA

1

1

1

Video/Audio Output

1

1

1

Outgoing Bandwidth

48 Mbps

48 Mbps

48 Mbps

Decoding Capability

1x4K@30,

4x5MP@25,

4x4MP@25,

4x3MP@25

1x4K@30, 4x5MP@25,

4x4MP@25, 4x3MP@25,

6x1080P@30, 8x720P@30,

16xD1@25

1x4K@30, 4x5MP@25,

4x4MP@25, 4x3MP@25,

6x1080P@30, 8x720P@30,

16xD1@25

Storage

HDD

1 SATA interface

1 SATA interface

Network Interface

1 x RJ45 100M

1 x RJ45 100M

1 x RJ45 100M

PoE

4 x PoE+

8 x PoE+

8 x PoE+

External Interface

Serial Interface

N/A

N/A

USB Interface

2 x USB2.0

2 x USB2.0

2 x USB2.0

Alarm I/O

N/A

N/A

N/A

Power Supply

DC 48V/1.35A

DC 52V/1.8A

DC 52V/1.8A

Power Consumption

≤9W (without HDD)

≤9W (without HDD)

≤9W (without HDD)

Other

Working Environment

-10°C ~ 55°C

(14°F ~ 131°F)

10% ~ 90% RH

-10°C ~ 55°C

(14°F ~ 131°F)

10% ~ 90% RH

-10°C ~ 55°C

(14°F ~ 131°F)

10% ~ 90% RH

Dimensions(W×D×H)

205mm × 205mm × 46mm  
(8.1"×8.1"×1.8")270mm × 205mm × 46mm  
(10.6"×8.1"×1.8")270mm × 205mm × 46mm  
(10.6"×8.1"×1.8")

## Easy

**Appearance****NVR301-04B-LP4-IQ****NVR301-08B-LP8-IQ****NVR301-16B-LP8-IQ**

IP Video Input

4-ch

8-ch

16-ch

Analog Video Input

N/A

N/A

N/A

Video/Audio Input

80 Mbps

80 Mbps

80Mbps

Audio Input

1-ch

1-ch

1-ch

HDMI

1

1

1

VGA

1

1

1

Audio Output

1

1

1

Outgoing Bandwidth

80 Mbps

80 Mbps

80 Mbps

Decoding Capability

Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30

Smart On: 2 x 4K@30, 4 x 4MP@30

Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30

Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30

Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30

Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30

Storage

HDD

1 SATA interface

1 SATA interface

Network Interface

1 x RJ45 100M

1 x RJ45 100M

1 x RJ45 100M

PoE

4 x PoE+

8 x PoE+

8 x PoE+

External Interface

Serial Interface

N/A

N/A

USB Interface

1 x USB2.0 1 x USB3.0

1 x USB2.0 1 x USB3.0

1 x USB2.0 1 x USB3.0

Alarm I/O

N/A

N/A

N/A

Power Supply

DC 48V/1.35A

DC 52V/1.8A

DC 52V/1.8A

Power Consumption

≤12W (without HDD)

≤12W (without HDD)

≤12W (without HDD)

Other

Working Environment

-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH

-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH

Dimensions(W×D×H)

205mm × 212mm × 46mm (8.1"×8.3"×1.8")

270mm × 212mm × 46mm (10.6"×8.3"×1.8")

270mm × 212mm × 46mm (10.6"×8.3"×1.8")

Weight(Without HDD)

≤ 2.7Kg

≤ 4Kg

≤ 4Kg



Appearance		NVR301-04B-P4-IQ	NVR301-08B-P8-IQ	NVR301-04B-IQ	NVR301-08B-IQ	NVR301-16B-IQ	
Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	16-ch	
	Analog Video Input	N/A	N/A	N/A	N/A	N/A	
	Input Bandwidth	80 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps	
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch	
Video/Audio Output	HDMI	1	1	1	1	1	
	VGA	1	1	1	1	1	
	Audio Output	1	1	1	1	1	
	Outgoing Bandwidth	80 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps	
External Interface	Decoding Capability	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 8x 1080P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30, 8x 1080P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30, 16x 720P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30, 10x 1080P@30, 16x 720P@30 Smart On: 2x 4K@30, 4x 4MP@30, 16x 720P@30
	Storage	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	
	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	
	PoE	4 x PoE+	8 x PoE+	N/A	N/A	N/A	
Other	Serial Interface	N/A	N/A	N/A	N/A	N/A	
	USB Interface	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	
	Alarm I/O	N/A	N/A	N/A	N/A	N/A	
	Power Supply	DC 48 V/1.35 A	DC 52 V/1.8 A	DC 12 V/2 A	DC 12 V/2 A	DC 12 V/2 A	
Power Consumption							
Working Environment							
Dimensions(W×D×H)							
Weight(Without HDD)							



Appearance		NVR302-09B-IQ	NVR302-16B-IQ	NVR302-32B-IQ	NVR302-08B-P8-IQ	NVR302-16B-P16-IQ	
Video/Audio Input	IP Video Input	9-ch	16-ch	32-ch	8-ch	16-ch	
	Analog Video Input	N/A	N/A	N/A	N/A	N/A	
	Input Bandwidth	160Mbps	160Mbps	160 Mbps	160 Mbps	160 Mbps	
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch	
Video/Audio Output	HDMI	1	1	1	1	1	
	VGA	1	1	1	1	1	
	Audio Output	1	1	1	1	1	
	Outgoing Bandwidth	128 Mbps	128 Mbps	128 Mbps	128 Mbps	128 Mbps	
External Interface	Decoding Capability	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 8x 1080P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30 Smart On: 2x 4K@30, 4x 4MP@30, 16x 720P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30, 10x 1080P@30, 16x 720P@30 Smart On: 2x 4K@30, 4x 4MP@30, 16x 720P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30, 20x 720P@30, 32 D1 Smart On: 2x 4K@30, 4x 4MP@30, 9x 720P@30	Smart Off: 2x 12MP@30, 2x 4K@30, 4x 4MP@30, 8x 1080P@30, 16x 720P@30 Smart On: 2x 4K@30, 4x 4MP@30, 4x 4MP@30, 8x 1080P@30, 16x 720P@30
	Storage	2 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface	
	Network Interface	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	
	PoE	N/A	N/A	N/A	8 x PoE+	16 x PoE+	
Other	External Interface	N/A	N/A	N/A	N/A	N/A	
	Serial Interface	N/A	N/A	N/A	N/A	N/A	
	USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	
	Alarm I/O	N/A	N/A	N/A	8/2	8/2	
Other	Power Supply	DC 12 V/3 A	DC 12 V/3 A	DC 12 V/3 A	AC 100~240V	AC 100~240V	
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	
	Dimensions(W×D×H)	380mm × 315mm × 53mm (15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm (15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm (15.0" × 12.4" × 2.1")	380mm × 322mm × 53mm (15.0" × 12.7" × 2.1")	380mm × 315mm × 53mm (15.0" × 12.4" × 2.1")	
Weight(Without HDD)							

## Easy

Appearance	<b>NVR304-16B-IQ</b>	<b>NVR304-32B-IQ</b>	<b>NVR304-16B-P16-IQ</b>	<b>NVR304-32B-P16-IQ</b>
IP Video Input	16-ch	32-ch	16-ch	32-ch
Analog Video Input	N/A	N/A	N/A	N/A
Video/Audio Input	160 Mbps	160 Mbps	160 Mbps	160 Mbps
Input Bandwidth	1-ch	1-ch	1-ch	1-ch
Audio Input	1	1	1	1
HDMI	1	1	1	1
VGA	1	1	1	1
Audio Output	1	1	1	1
Video/Audio Output	128 Mbps	128 Mbps	128 Mbps	128 Mbps
Outgoing Bandwidth	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@304	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 20 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 20 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1
Storage	HDD	SATA interface	SATA interface	SATA interface
Network Interface	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M
PoE	N/A	N/A	16 x PoE+	16 x PoE+
External Interface	Serial Interface	N/A	N/A	N/A
USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0
Alarm I/O	N/A	N/A	16/4	16/4
Power Supply	DC 12 V/5 A	DC 12 V/5 A	AC 100~240V	AC 100~240V
Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(WxDxH)	440mm × 350mm × 48mm (17.3" × 13.5" × 2.0")	440mm × 350mm × 48mm (17.3" × 13.5" × 2.0")	400mm × 369mm × 74mm (15.7" × 14.5" × 2.9")	400mm × 369mm × 74mm (15.7" × 14.5" × 2.9")
Weight(Without HDD)	≤3.4kg	≤3.4kg	≤4kg	≤4kg

## Easy

Appearance	<b>KIT/NVR301-04LS3-W/4*2122LB-ABF28WK-G</b>	<b>KIT/NVR301-04LS3-W/4*2122LB-ABF40WK-G</b>	<b>KIT/NVR301-04LS3-W/4*322LB-ABF28WK-G</b>
IP Video Input	4-ch	4-ch	4-ch
Analog Video Input	N/A	N/A	N/A
Video/Audio Input	40 Mbps	40 Mbps	40 Mbps
Input Bandwidth	N/A	N/A	N/A
Audio Input	1	1	1
HDMI	VGA	VGA	VGA
VGA	1	1	1
Audio Output	1	1	1
Video/Audio Output	40 Mbps	40 Mbps	40 Mbps
Outgoing Bandwidth	4 x 1080P@30	4 x 1080P@30	4 x 1080P@30
Decoding Capability	1 SATA interface	1 SATA interface	1 SATA interface
Storage	HDD	HDD	HDD
Network Interface	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
PoE	N/A	N/A	N/A
External Interface	Serial Interface	Serial Interface	Serial Interface
USB Interface	2xUSB2.0	2xUSB2.0	2xUSB2.0
Alarm I/O	N/A	N/A	N/A
Power Supply	12V DC	12V DC	12V DC
Power Consumption	≤9W(without HDD)	≤9W(without HDD)	≤9W(without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	"-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(WxDxH)	205mm × 205mm × 47mm (8.1" × 8.1" × 1.7")	205mm × 205mm × 47mm (8.1" × 8.1" × 1.7")	205mm × 205mm × 47mm (8.1" × 8.1" × 1.7")
Weight(Without HDD)	≤0.58Kg	≤0.58Kg	≤0.58Kg

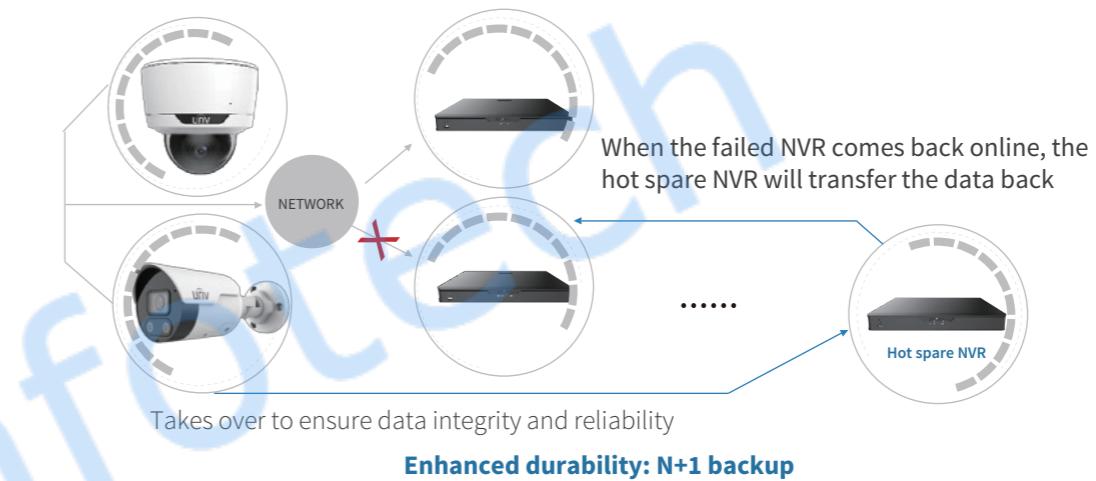
**PRIME**

**NVR**

Prime Series

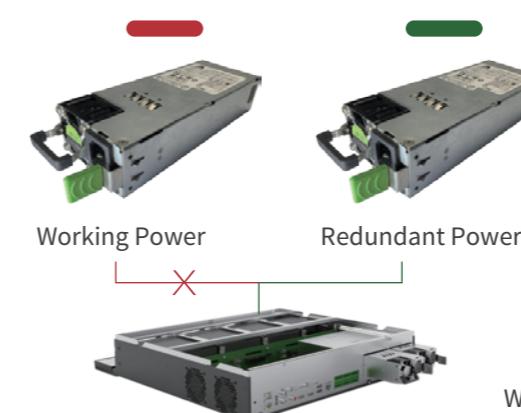
Equipped with numerous practical features and powerful decoding capabilities, the Prime Series is well-suited for projects and strengthens the SMB market. It supports a high number of IP camera connections and extended storage duration across multiple HDDs. Additionally, project-oriented functions like LPR, people counting, and fisheye dewarping are supported, along with alarm I/O, audio I/O, and Gigabit Ethernet interfaces available on all models.

## Durable & Compatible



## Stable & Reliable Power redundancy ensures a stable power supply

Takes over without any inductance



When external power instability or other factors cause a power failure, redundant power supply ensures video integrity.

# Easy to Maintain

## Hot swapping enhances maintenance simplicity



- HDD mounting bracket**
- Lock** Improve security and prevent HDD theft
- Hinge link** No need to remove the panel, simply open it

Save time and labor costs for installers by replacing damaged or full HDDs without powering off, simply by opening the front panel.

## NVR502-08B-P8-IQ

- Support Ultra 265/H.265/H.264 video formats
- 2 SATA, 8-channel input
- Up to 16 TB for each disk
- Decoding capability: smart off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 1080P@30, smart on: 2 x 12MP@30, 2 x 4K@30, 8 x 1080P@30
- 4-ch SIP, 8-ch UMD (Ultra Motion Detection)
- VGA and HDMI independent output
- PoE network interfaces



## NVR508-64E-R-IQ

- Support Ultra 265/H.265/H.264 video formats
- 8 SATA, 64-channel input
- Up to 16 TB for each disk
- Support 2 HDMI and 2 VGA, independent output
- Decoding capability: smart off: 32 x 1080P@30 smart on: 24 x 1080P@30
- 8-ch SIP, 16-ch UMD (Ultra Motion Detection)
- Support HDD hot swap
- RAID 0, 1, 5, 6, 10
- Redundant power supply optional
- Audio I/O: 1/2





Appearance	NVR501-04B	NVR501-08B	NVR501-16B	NVR501-04LB-P4	NVR501-08LB-P8
Video/Audio Input	IP Video Input 4-ch	Analog Video Input N/A	16-ch N/A	4-ch N/A	8-ch N/A
	Input Bandwidth 80Mbps	80Mbps	80Mbps	80Mbps	80Mbps
	Audio Input 1-ch	1-ch	1-ch	1-ch	1-ch
	HDMI 1	1	1	1	1
Video/Audio Output	VGA 1	1	1	1	1
	Audio Output 1-ch	1-ch	1-ch	1-ch	1-ch
	Outgoing Bandwidth 64Mbps	64Mbps	64Mbps	64Mbps	64Mbps
	Decoding Capability 4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30
Storage	HDD 1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Network Interface	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M
External Interface	PoE N/A	N/A	N/A	4 x PoE+	8 x PoE+
	Serial Interface N/A	N/A	N/A	N/A	N/A
	USB Interface 1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0
	Alarm I/O N/A	N/A	N/A	N/A	N/A
Power Supply	DC 12V/2A	DC 12V/2A	DC 12V/2A	DC 48V/1.35A	DC 52V/1.8A
Power Consumption	≤6W(without HDD)	≤6W(without HDD)	≤6W(without HDD)	≤10W(without HDD)	≤10W(without HDD)
Other	Working Environment -10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H) 260mm × 222mm × 47mm (10.2" × 8.7" × 1.8")	260mm × 222mm × 47mm (10.2" × 8.7" × 1.8")	260mm × 222mm × 47mm (10.2" × 8.7" × 1.8")	205mm × 212mm × 46mm (8.1" × 8.3" × 1.8")	205mm × 212mm × 46mm (8.1" × 8.3" × 1.8")
	Weight(Without HDD) ≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)



Appearance	NVR501-04B-P4	NVR501-08B-P8	NVR501-04B-IQ	NVR501-08B-IQ	NVR501-16B-IQ
Video/Audio Input	IP Video Input 4-ch	Analog Video Input N/A	4-ch N/A	8-ch N/A	4-ch N/A
	Input Bandwidth 80Mbps	80Mbps	80Mbps	80Mbps	80Mbps
	Audio Input 1-ch	1-ch	1-ch	1-ch	1-ch
	HDMI 1	1	1	1	1
Video/Audio Output	VGA 1	1	1	1	1
	Audio Output 1-ch	1-ch	1-ch	1-ch	1-ch
	Outgoing Bandwidth 64Mbps	64Mbps	64Mbps	80Mbps	80Mbps
	Decoding Capability 4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	4x4K@30 6x5MP@30 8x4MP@30 16x1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4K@30 2 x 12MP@30, 4 x 4K@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 4K@30 16x1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4K@30 16x1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 4K@30 12x1080P@30, 16 x 720P@30
Storage	HDD 1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Network Interface	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M	1RJ-45 10M/100M
External Interface	PoE 4 x PoE+	8 x PoE+	N/A	N/A	N/A
	Serial Interface N/A	N/A	N/A	N/A	N/A
	USB Interface 1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0
	Alarm I/O N/A	N/A	N/A	N/A	N/A
Power Supply	DC 48V/1.35A	DC 52V/1.8A	DC 12V/2A	DC 12V/2A	DC 12V/2A
Power Consumption	≤10W(without HDD)	≤10W(without HDD)	≤8W(without HDD)	≤8W(without HDD)	≤8W(without HDD)
Other	Working Environment -10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH
	Dimensions(W×D×H) 260mm × 222mm × 47mm (10.2" × 8.7" × 1.8")	260mm × 222mm × 47mm (10.2" × 8.7" × 1.8")	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")
Weight(Without HDD)	≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)	≤ 1Kg (2.2lb)	≤ 1Kg (2.2lb)	≤ 1Kg (2.2lb)



Appearance							
	NVR501-04B-P4-IQ	NVR501-08B-P8-IQ	NVR501-04B-LP4-IQ	NVR501-08B-LP8-IQ			
IP Video Input	4-ch	8-ch	4-ch	8-ch			
Analog Video Input	N/A	N/A	N/A	N/A			
Video/Audio Input	80Mbps	80Mbps	80Mbps	80Mbps			
Input Bandwidth							
Audio Input	1-ch	1-ch	1-ch	1-ch			
HDMI	1	1	1	1			
VGA	1	1	1	1			
Video/Audio Output							
Audio Output	1-ch	1-ch	1-ch	1-ch			
Outgoing Bandwidth	80Mbps	80Mbps	80Mbps	80Mbps			
Decoding Capability	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 9 x 3MP@30	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25		
Storage							
HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface			
Network Interface	1 RJ-45 10M/100M	1 RJ-45 10M/100M	1 RJ-45 10M/100M	1 RJ-45 10M/100M			
External Interface							
PoE	4 x PoE+	8 x PoE+	4 x PoE+	8 x PoE+			
Serial Interface	N/A	N/A	N/A	N/A			
USB Interface	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0			
Alarm I/O	N/A	N/A	N/A	N/A			
Power Supply	DC 48V/1.35A	DC 48V/1.35A	DC 52V/1.8A	DC 52V/1.8A			
Power Consumption	≤8W(without HDD)	≤8W(without HDD)	≤8W(without HDD)	≤8W(without HDD)			
Other							
Working Environment	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	"-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH"	"-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH"	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")	"270mm × 210mm × 46.6mm (10.6" × 8.3" × 1.8")"	270mm × 210mm × 46.6mm (10.6" × 8.3" × 1.8")	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")
Weight(Without HDD)	≤ 1Kg (2.2lb)	≤ 1Kg (2.2lb)	≤ 1Kg (2.2lb)	≤ 1Kg (2.2lb)	≤ 2Kg	≤ 2Kg	≤ 2Kg



Appearance			
	NVR502-09B	NVR502-16B	NVR502-32B
IP Video Input	9-ch	16-ch	32-ch
Analog Video Input	N/A	N/A	N/A
Video/Audio Input	320Mbps	320Mbps	320Mbps
Input Bandwidth			
Audio Input	1-ch	1-ch	1-ch
HDMI	1	1	1
VGA	1	1	1
Video/Audio Output			
Audio Output	1-ch	1-ch	1-ch
Outgoing Bandwidth	160Mbps	160Mbps	160Mbps
Decoding Capability	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 9 x 3MP@30	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25
Storage			
HDD	2 SATA interface	2 SATA interface	2 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A
External Interface			
Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485
USB Interface	2 × USB2.0 1 × USB3.0	2 × USB2.0 1 × USB3.0	2 × USB2.0 1 × USB3.0
Alarm I/O	8/2	8/2	8/2
Power Supply	DC 12V/3A	DC 12V/3A	DC 12V/3A
Power Consumption	≤20W(without HDD)	≤20W(without HDD)	≤20W(without HDD)
Other			
Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")	380mm × 315mm × 53mm(15.0" × 12.4" × 2.1")
Weight(Without HDD)	≤ 2Kg	≤ 2Kg	≤ 2Kg

**Appearance****NVR502-08B-P8****NVR502-16B-P16****NVR502-32B-P16**

IP Video Input

8-ch

16-ch

32-ch

Video/Audio Input

N/A

N/A

N/A

Input Bandwidth

320Mbps

320Mbps

320Mbps

Audio Input

1-ch

1-ch

1-ch

HDMI

1

1

1

VGA

1

1

1

Video/Audio Output

1-ch

1-ch

1-ch

Outgoing Bandwidth

160Mbps

160Mbps

160Mbps

Decoding Capability

2 x 16MP@30 2 x 12MP@30 4 x 4K@30

2 x 16MP@30 2 x 12MP@30 4 x 4K@30

2 x 16MP@30 2 x 12MP@30 4 x 4K@30

6 x 5MP@30 8 x 4MP@30

6 x 5MP@30 8 x 4MP@30 16 x 1080P@30

6 x 5MP@30 8 x 4MP@30 32 x 960P@25

HDD

2 SATA interface

2 SATA interface

2 SATA interface

Storage

Network Interface

1 RJ-45 10M/100M/1000M

1 RJ-45 10M/100M/1000M

PoE

8 x PoE+

16 x PoE+

16 x PoE+

External Interface

Serial Interface

1 × RS-485

1 × RS-485

USB Interface

1 × USB2.0 1 × USB3.0

1 × USB2.0 1 × USB3.0

Alarm I/O

8/2

8/2

8/2

Power Supply

100~240V AC

100~240V AC

100~240V AC

Power Consumption

≤20W(without HDD)

≤20W(without HDD)

≤20W(without HDD)

Working Environment

-10°C ~ 55°C

-10°C ~ 55°C

-10°C ~ 55°C

Other

(14°F ~ 131°F)

(14°F ~ 131°F)

(14°F ~ 131°F)

10% ~ 90% RH

10% ~ 90% RH

10% ~ 90% RH

Dimensions(W×D×H)

380mm × 322mm × 53mm (15.0"×12.7"×2.1")

380mm × 322mm × 53mm (15.0"×12.7"×2.1")

380mm × 322mm × 53mm (15.0"×12.7"×2.1")

Weight(Without HDD)

≤2.6kg

≤2.6kg

≤2.6kg

**Appearance****NVR502-09B-IQ****NVR502-16B-IQ****NVR502-32B-IQ**

IP Video Input

9-ch

16-ch

32-ch

Analog Video Input

N/A

N/A

N/A

Input Bandwidth

Smart Off: 320Mbps Smart On: 160Mbps

Smart Off: 320Mbps Smart On: 160Mbps

Smart Off: 320Mbps Smart On: 160Mbps

Audio Input

1-ch

1-ch

1-ch

HDMI

1

1

1

VGA

1

1

1

Audio Output

1-ch

1-ch

1-ch

Video/Audio Output

160Mbps

160Mbps

160Mbps

Outgoing Bandwidth

Smart Off: 2 x 16MP@30, 2 x 12MP@30,

Smart Off: 2 x 16MP@30, 2 x 12MP@30,

Smart Off: 2 x 16MP@30, 2 x 12MP@30,

4 x 4K@30, 8 x 4MP@30, 9 x 1080P@30

4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30

4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30

32 x 720P@30

Smart On: 2 x 12MP@30, 2 x 4K@30,

Smart On: 2 x 12MP@30, 2 x 4K@30,

Smart On: 2 x 12MP@30, 2 x 4K@30,

6 x 4MP@30, 9 x 1080P@30

12 x 1080P@30, 32 x D1

Storage

HDD

2 SATA interface

2 SATA interface

Network Interface

2 RJ-45 10M/100M/1000M

2 RJ-45 10M/100M/1000M

2 RJ-45 10M/100M/1000M

PoE

N/A

N/A

N/A

Serial Interface

1 × RS-485

1 × RS-485

1 × RS-485

USB Interface

2 × USB2.0 1 × USB3.0

2 × USB2.0 1 × USB3.0

2 × USB2.0 1 × USB3.0

Alarm I/O

8/2

8/2

8/2

Power Supply

DC 12V/3A

DC 12V/3A

DC 12V/3A

Power Consumption

≤12W(without HDD)

≤12W(without HDD)

≤12W(without HDD)

Working Environment

-10 °C ~ 50 °C

-10 °C ~ 50 °C

-10 °C ~ 50 °C

10% ~ 90% RH

(14 °F ~ 122 °F)

(14 °F ~ 122 °F)

(14 °F ~ 122 °F)

Dimensions(W×D×H)

380mm × 315mm × 53mm (15.0"×12.4"×2.1")

380mm × 315mm × 53mm (15.0"×12.4"×2.1")

380mm × 315mm × 53mm (15.0"×12.4"×2.1")

Weight(Without HDD)

≤ 2Kg (4.4lb)

≤ 2Kg (4.4lb)

≤ 2Kg (4.4lb)



Appearance				
	NVR502-08B-P8-IQ	NVR502-16B-P16-IQ	NVR502-32B-P16-IQ	
IP Video Input	8-ch	16-ch	32-ch	
Analog Video Input	N/A	N/A	N/A	
Video/Audio Input	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	
Input Bandwidth	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	
Audio Input	1-ch	1-ch	1-ch	
HDMI	1	1	1	
VGA	1	1	1	
Video/Audio Output	1-ch	1-ch	1-ch	
Outgoing Bandwidth	160Mbps	160Mbps	160Mbps	
Decoding Capability	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 9 x 1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 16 x 720P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 32 x D1	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25 2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25
Storage	2 SATA interface	2 SATA interface	2 SATA interface	
HDD	2 SATA interface	2 SATA interface	2 SATA interface	
Network Interface	1 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M	
PoE	8 x PoE+	16 x PoE+	16 x PoE+	
External Interface	1 × RS-485	1 × RS-485	1 × RS-485	
Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485	
USB Interface	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	
Alarm I/O	8/2	8/2	8/2	
Power Supply	100~240V AC	100~240V AC	100~240V AC	
Power Consumption	≤12W(without HDD)	≤12W(without HDD)	≤12W(without HDD)	
Other	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	
Working Environment	380mm × 322mm × 53mm (15.0" × 12.7" × 2.1")	380mm × 322mm × 53mm (15.0" × 12.7" × 2.1")	380mm × 322mm × 53mm (15.0" × 12.7" × 2.1")	
Dimensions(W×D×H)	≤ 2.7Kg (6.0lb)	≤ 2.7Kg (6.0lb)	≤ 2.7Kg (6.0lb)	
Weight(Without HDD)	≤ 2.7Kg (6.0lb)	≤ 2.7Kg (6.0lb)	≤ 2.7Kg (6.0lb)	



Appearance				
	NVR504-16B	NVR504-32B	NVR504-16B-P16	NVR504-32B-P16
IP Video Input	16-ch	32-ch	16-ch	32-ch
Analog Video Input	N/A	N/A	N/A	N/A
Video/Audio Input	320Mbps	320Mbps	320Mbps	320Mbps
Input Bandwidth	320Mbps	320Mbps	320Mbps	320Mbps
Audio Input	1-ch	1-ch	1-ch	1-ch
HDMI	1	1	1	1
VGA	1	1	1	1
Video/Audio Output	1-ch	1-ch	1-ch	1-ch
Outgoing Bandwidth	160Mbps	160Mbps	160Mbps	160Mbps
Decoding Capability	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 9 x 1080P@30	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 32 x D1	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25 2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25	2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25 2 x 16MP@30 2 x 12MP@30 4 x 4K@30 6 x 5MP@30 8 x 4MP@30 16 x 1080P@30 32 x 960P@25
Storage	4 SATA interface	4 SATA interface	4 SATA interface	4 SATA interface
HDD	4 SATA interface	4 SATA interface	4 SATA interface	4 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M
PoE	N/A	N/A	16 x PoE+	16 x PoE+
External Interface	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-485
Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-485
USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0	1 x USB2.0 1 x USB3.0
Alarm I/O	16/4	16/4	16/4	16/4
Power Supply	DC 12V/5A	DC 12V/5A	100~240V AC	100~240V AC
Power Consumption	≤20W(without HDD)	≤20W(without HDD)	≤20W(without HDD)	≤20W(without HDD)
Other	-10 °C ~ 55 °C (14 °F ~ 131 °F) 10% ~ 90% RH	-10 °C ~ 55 °C (14 °F ~ 131 °F) 10% ~ 90% RH	-10 °C ~ 55 °C (14 °F ~ 131 °F) 10% ~ 90% RH	-10 °C ~ 55 °C (14 °F ~ 131 °F) 10% ~ 90% RH
Working Environment	440mm × 344mm × 48mm (17.3" × 13.5" × 1.9")	440mm × 344mm × 48mm (17.3" × 13.5" × 1.9")	400mm × 368mm × 74mm (15.7" × 14.5" × 2.9")	400mm × 368mm × 74mm (15.7" × 14.5" × 2.9")
Dimensions(W×D×H)	≤ 3.15Kg	≤ 3.15Kg	≤ 4kg	≤ 4kg
Weight(Without HDD)	≤ 3.15Kg	≤ 3.15Kg	≤ 4kg	≤ 4kg



Appearance					
	NVR504-16B-IQ	NVR504-32B-IQ	NVR504-16B-P16-IQ	NVR504-32B-P16-IQ	
Video/Audio Input	IP Video Input	16-ch	32-ch	16-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps	Smart Off: 320Mbps Smart On: 160Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1-ch	1-ch	1-ch	1-ch
	Outgoing Bandwidth	160Mbps	160Mbps	160Mbps	160Mbps
Decoding Capability	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 720P@30, 24 x 1080P@30, 32 x D1"
	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30,	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 24 x 720P@30	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 24 x 720P@30	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 24 x 720P@30	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 12 x 1080P@30, 32 x 960P@25
	Storage	HDD	4 SATA interface	4 SATA interface	4 SATA interface
	Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M	1 RJ-45 10M/100M/1000M
External Interface	PoE	N/A	N/A	16 x PoE+	16 x PoE+
	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-485
	USB Interface	2 × USB2.0 1 × USB3.0	2 × USB2.0 1 × USB3.0	1 × USB2.0 1 × USB3.0	1 × USB2.0 1 × USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4
Other	Power Supply	DC 12V/5A	DC 12V/5A	100~240V AC	100~240V AC
	Power Consumption	≤12W(without HDD)	≤12W(without HDD)	≤12W(without HDD)	≤12W(without HDD)
	Working Environment	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH	-10 °C ~ 50 °C (14 °F ~ 122 °F) 10% ~ 90% RH
	Dimensions(W×D×H)	440mm × 344mm × 48mm (17.3"×13.5"×1.9")	440mm × 344mm × 48mm (17.3"×13.5"×1.9")	400mm × 368mm × 74mm (15.7"×14.5"×2.9")	400mm × 368mm × 74mm (15.7"×14.5"×2.9")
Weight(Without HDD)	≤ 3.4Kg (7.5lb)	≤ 3.4Kg (7.5lb)	≤ 4Kg (8.8lb)	≤ 4Kg (8.8lb)	≤ 4Kg
					≤ 4 Kg



Appearance				
	NVR508-16B	NVR508-32B	NVR508-64B	
Video/Audio Input	IP Video Input	16-ch	32-ch	64-ch
	Analog Video Input	N/A	N/A	N/A
	Input Bandwidth	320Mbps	320Mbps	320Mbps
	Audio Input	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1
	VGA	1	1	1
	Audio Output	1-ch	1-ch	1-ch
	Outgoing Bandwidth	160Mbps	160Mbps	160Mbps
Decoding Capability	Decoding Capability	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 960P@25
	Storage	HDD	8 SATA interfaces	8 SATA interfaces
	Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
	PoE	N/A	N/A	N/A
External Interface	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485
	USB Interface	2 × USB2.0 1 × USB3.0	2 × USB2.0 1 × USB3.0	2 × USB2.0 1 × USB3.0
	Alarm I/O	16/4	16/4	16/4
	Power Supply	100~240V AC	100~240V AC	100~240V AC
Other	Power Consumption	≤25 W (without HDD)	≤25 W (without HDD)	≤25 W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	442mm × 426mm × 89mm (17.4"×16.8"×3.5")	442mm × 426mm × 89mm (17.4"×16.8"×3.5")	442mm × 426mm × 89mm (17.4"×16.8"×3.5")
	Weight(Without HDD)	≤ 4 Kg	≤ 4 Kg	≤ 4 Kg

**Appearance****NVR504-16E-IQ      NVR504-32E-IQ      NVR504-64E-IQ**

IP Video Input	16-ch	32-ch	64-ch
Analog Video Input	N/A	N/A	N/A
Video/Audio Input	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Input Bandwidth	1-ch	1-ch	1-ch
HDMI	2	2	2
VGA	2	2	2
Audio Output	2-ch	2-ch	2-ch
Video/Audio Output	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30
Decoding Capability	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30
Storage	4 SATA interface	4 SATA interface	4 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A
External Interface	1 × RS-485	1 × RS-485	1 × RS-485
Serial Interface	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
USB Interface	16/10	16/10	16/10
Alarm I/O	Power Supply	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤35 W (without HDD)	≤35 W (without HDD)	≤35 W (without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	442mm × 432mm × 86mm (17.4"×17.0"×3.4")	442mm × 432mm × 86mm (17.4"×17.0"×3.4")	442mm × 432mm × 86mm (17.4"×17.0"×3.4")
Weight(Without HDD)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)

**Appearance****NVR504-16E-P16-IQ      NVR504-32E-P24-IQ      NVR504-64E-P24-IQ**

IP Video Input	16-ch	32-ch	64-ch
Analog Video Input	N/A	N/A	N/A
Video/Audio Input	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Input Bandwidth	1-ch	1-ch	1-ch
HDMI	2	2	2
VGA	2	2	2
Audio Output	2-ch	2-ch	2-ch
Video/Audio Output	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30	Smart Off: 384Mbps Smart On: 200Mbps  Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30
Decoding Capability	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30
Storage	HDD	HDD	HDD
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	16 x PoE+	24 x PoE+	24 x PoE+
External Interface	1 × RS-485	1 × RS-485	1 × RS-485
Serial Interface	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
USB Interface	16/10	16/10	16/10
Alarm I/O	Power Supply	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤50 W (without HDD)	≤50 W (without HDD)	≤50 W (without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	442mm×432.9mm×88.6mm(17.4"×17.0"×3.5")	442mm×432.9mm×88.6mm(17.4"×17.0"×3.5")	442mm×432.9mm×88.6mm(17.4"×17.0"×3.5")
Weight(Without HDD)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)



Appearance	NVR508-32E-R	NVR508-64E-R	NVR508-128E-R
Video/Audio Input	IP Video Input 32-ch	64-ch	128-ch
	Analog Video Input N/A	N/A	N/A
	Input Bandwidth 384Mbps	384Mbps	384Mbps
Audio Input	1-ch	1-ch	1-ch
HDMI	2	2	2
VGA	2	2	2
Video/Audio Output	Audio Output 2-ch	2-ch	2-ch
	Outgoing Bandwidth 384Mbps	384Mbps	384Mbps
	Decoding Capability 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30, 72 x 720P@30, 128 x D1
HDD	8 SATA interface	8 SATA interface	8 SATA interface
Storage	Network Interface 2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A
External Interface	Serial Interface 1 × RS-485	1 × RS-485	1 × RS-485
	USB Interface 2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
Alarm I/O	16/10	16/10	16/10
Power Supply	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤35 W (without HDD)	≤35 W (without HDD)	≤35 W (without HDD)
Other	Working Environment -10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	442mm×448mm×93mm (17.4"×17.6"×3.7")	442mm×448mm×93mm (17.4"×17.6"×3.7")	442mm×448mm×93mm (17.4"×17.6"×3.7")
Weight(Without HDD)	≤ 6Kg (13.23lb)	≤ 6Kg (13.23lb)	≤ 6Kg (13.23lb)



Appearance	NVR508-32E-IQ	NVR508-64E-IQ	NVR508-32E-R-IQ	NVR508-64E-R-IQ
Video/Audio Input	IP Video Input 32-ch	64-ch	32-ch	64-ch
	Analog Video Input N/A	N/A	N/A	N/A
	Input Bandwidth Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI 2	2	2	2
	VGA 2	2	2	2
	Audio Output 2-ch	2-ch	2-ch	2-ch
Outgoing Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Decoding Capability	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 8 x 4K@30, 10 x 6MP@30, 16 x 4MP@30, 32 x 1080P@30
	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 24 x 1080P@30, 32 x 720P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 24 x 1080P@30	Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 12 x 4MP@30, 24 x 1080P@30, 32 x 720P@30
	Storage			
HDD	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A	N/A
External Interface	Serial Interface 1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-485
	USB Interface 2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
Alarm I/O	16/10	16/10	16/10	16/10
Power Supply	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤35 W (without HDD)	≤35 W (without HDD)	≤35 W (without HDD)	≤35 W (without HDD)
Other	Working Environment -10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH
	Dimensions(W×D×H) 442mm×432mm×86mm (17.4"×17.0"×3.4")	442mm×432mm×86mm (17.4"×17.0"×3.4")	443mm×448mm×93mm (17.4"×17.6"×3.7")	443mm×448mm×93mm (17.4"×17.6"×3.7")
Weight(Without HDD)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)	≤ 6.5Kg (14.3lb)	≤ 6.5Kg (14.3lb)



Appearance			
	NVR509-16E-IQ	NVR509-32E-IQ	NVR509-64E-IQ
IP Video Input	16-ch	32-ch	64-ch
Analog Video Input	N/A	N/A	N/A
Video/Audio Input	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Input Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Audio Input	1-ch	1-ch	1-ch
HDMI	2	2	2
VGA	2	2	2
Audio Output	2-ch	2-ch	2-ch
Video/Audio Output	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Outgoing Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps	Smart Off: 384Mbps Smart On: 200Mbps
Decoding Capability	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30 Smart On: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30 Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 24 x 1080P@30, 4 x 12MP@30, 6 x 4K@30, 32 x 1080P@30, 32 x 720P@30 Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 24 x 1080P@30, 32 x 720P@30, 64 x D1	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30 Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 24 x 1080P@30, 32 x 720P@30, 64 x D1	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30, 128 x D1
Storage	HDD	9 SATA interface	9 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A
External Interface	Serial Interface	1 × RS-485	1 × RS-485
USB Interface	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
Alarm I/O	16/10	16/10	16/10
Power Supply	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤40 W (without HDD)	≤40 W (without HDD)	≤40 W (without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	442mm × 400mm × 86.1mm (17.4"×15.7"×3.4")	442mm × 400mm × 86.1mm (17.4"×15.7"×3.4")	442mm × 400mm × 86.1mm (17.4"×15.7"×3.4")
Weight(Without HDD)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)	≤ 5.5Kg (12.1lb)



Appearance				
	NVR516-64E-R	NVR516-128E-R	NVR524-128E	NVR524-256E
IP Video Input	64-ch	128-ch	128-ch	256-ch
Analog Video Input	N/A	N/A	N/A	N/A
Video/Audio Input	640Mbps	640Mbps	640Mbps	640Mbps
Input Bandwidth	640Mbps	640Mbps	640Mbps	640Mbps
Audio Input	1-ch	1-ch	1-ch	1-ch
HDMI	2	2	2	2
VGA	2	2	2	2
Audio Output	2-ch	2-ch	2-ch	2-ch
Video/Audio Output	640Mbps	640Mbps	640Mbps	640Mbps
Outgoing Bandwidth	640Mbps	640Mbps	640Mbps	640Mbps
Decoding Capability	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30, 128 x D1	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30, 128 x D1	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30, 128 x D1	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 32 x 1080P@30, 64 x 720P@30, 128 x D1
Storage	HDD	16 SATA interface	16 SATA interface	24 SATA interface
Network Interface	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M	2 RJ-45 10M/100M/1000M
PoE	N/A	N/A	N/A	N/A
External Interface	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485
USB Interface	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0	2 × USB2.0 2 × USB3.0
Alarm I/O	16/10	16/10	16/10	16/10
Power Supply	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	≤50 W (without HDD)	≤50 W (without HDD)	≤50 W (without HDD)	≤50 W (without HDD)
Other	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
Dimensions(W×D×H)	482mm × 533mm × 131mm (19.0"×21.0"×5.1")	482mm × 533mm × 131mm (19.0"×21.0"×5.1")	485mm × 539mm × 175mm (19.1"×21.2"×6.9")	485mm × 539mm × 175mm (19.1"×21.2"×6.9")
Weight(Without HDD)	≤ 6.5Kg (14.3lb)	≤ 6.5Kg (14.3lb)	≤ 10Kg (22.05lb)	≤ 10Kg (22.05lb)



## NVR

Pro Series

With ample capacity, stability, and scalability, the Pro Series delivers top-tier performance for vertical markets.

The Pro Series supports a larger number of IP camera connections and extended storage duration. Excellent stability is ensured through dual BIOS, redundant power, and RAID, guaranteeing reliable project operation. When additional storage is required, disk enclosures can be added to the Pro Series NVR, meeting increased capacity needs.

## Extensive Storage Space Enclosure

Up to 512T ( $2 \times 16 \times 16T$ ) added



- Mini SAS x2
- 16 HDD/enclosure
- 16T/HDD

## Extensive Decoding Capability Decoding card



- Up to 4 x 64 x 1080P added
- Up to 4 x 7 HDMI ports added
- Up to 28 x 16 channels display added

# Behavior Analysis



## NVR824-256-R-IX2-16G



- Support Ultra 265/H.265/H.264 video formats
- 24 SATA, 256-channel input
- Up to 16 TB for each disk
- Decoding capability: 20 x 1080P@30
- 192-ch SIP, 192-ch Behavior Analysis
- Bandwidth I/O: 768/768Mbps
- Support 2-ch HDMI, 1-ch VGA, independent outputs
- RAID 0, 1, 5, 6, 10, 50, 60
- Support HDD hot swap
- 2 mini SAS interfaces
- Redundant power supply optional

## Pro



Appearance		NVR816-64	NVR816-128	NVR824-128R	NVR824-256R
IP Video Input	64-ch	128-ch	128-ch	256-ch	
Video/Audio Input	512 Mbps	512 Mbps	768 Mbps	768 Mbps	
Audio Input	1-ch	1-ch	1-ch	1-ch	
HDMI	2	2	2	2	
VGA	1	1	1	1	
Video/Audio Output	1-ch	1-ch	1-ch	1-ch	
Outgoing Bandwidth	512 Mbps	512 Mbps	768 Mbps	768 Mbps	
Decoding Capability	3 x 12MP@25 4 x 4K@30 16 x 1080P@30 32 x 960P@25 64 x D1	3 x 12MP@25 4 x 4K@30 16 x 1080P@30 32 x 960P@25 64 x D1	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1	
Storage	HDD	16 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface	24 SATA interfaces 1 eSATA interface	24 SATA interfaces 1 eSATA interface
Network Interface	4 x RJ45 1000M				
PoE	N/A	N/A	N/A	N/A	
External Interface	Serial Interface	1 x RS232 1 x RS485	1 x RS232 1 x RS485	1 x RS232 1 x RS485	1 x RS232 1 x RS485
	USB Interface	2 x USB3.0, 2 x USB2.0	2 x USB3.0, 2 x USB2.0	2 x USB3.0, 2 x USB2.0	2 x USB3.0, 2 x USB2.0
	Alarm I/O	24/8	24/8	24/8	24/8
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤65W (without HDD)	≤65W (without HDD)	≤70W (without HDD)	≤70W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH
	Dimensions(W×D×H)	482mm × 533mm × 131.0mm (19.0" × 21.0" × 5.1")	482mm × 533mm × 131.0mm (19.0" × 21.0" × 5.1")	533mm × 484.6mm × 175.5mm (21.0" × 19.1" × 6.9")	533mm × 484.6mm × 175.5mm (21.0" × 19.1" × 6.9")
	Weight(Without HDD)	≤12.5Kg	≤12.5Kg	≤12.5kg	≤12.5kg
	Decoding card	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B
	Disk Enclosure	DEU1016-B	DEU1016-B	DEU1016-B	DEU1016-B



Appearance	<b>NVR816-64-R-IM2-4G</b>	<b>NVR816-128-R-IM2-8G</b>	<b>NVR824-128-R-IM2-8G</b>	<b>NVR824-256-R-IM2-16G</b>	
IP Video Input	64-ch	128-ch	128-ch	256-ch	
Video/Audio Input	512 Mbps	512 Mbps	768 Mbps	768 Mbps	
Audio Input	1-ch	1-ch	1-ch	1-ch	
HDMI	2	2	2	2	
VGA	1	1	1	1	
Video/Audio Output	1-ch	1-ch	1-ch	1-ch	
Outgoing Bandwidth	512 Mbps	512 Mbps	768 Mbps	768 Mbps	
Decoding Capability	3 x 12MP@25 4 x 4K@30 16 x 1080P@30 32 x 960P@25 64 x D1	3 x 12MP@25 4 x 4K@30 16 x 1080P@30 32 x 960P@25 64 x D1	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1	
Storage	HDD	16 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface	24 SATA interfaces 1 eSATA interface	
Network Interface	4 x RJ45 1000M				
PoE	N/A	N/A	N/A	N/A	
External Interface	Serial Interface	1 × RS232 1 × RS485	1 × RS232 1 × RS485	1 × RS232 1 × RS485	
USB Interface	2 x USB3.0,2 x USB2.0				
Alarm I/O	24/8	24/8	24/8	24/8	
Power Supply	100 ~ 240V AC				
Power Consumption	≤65W (without HDD)	≤65W (without HDD)	≤70W (without HDD)	≤70W (without HDD)	
Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	
Other	Dimensions(W×D×H)	482mm × 533mm × 131.0mm (19.0"×21.0"×5.1")	482mm × 533mm × 131.0mm (19.0"×21.0"×5.1")	533mm × 484.6mm × 175.5mm (21.0 "×19.1" ×6.9")	533mm × 484.6mm × 175.5mm (21.0 "×19.1" ×6.9")
	Weight(Without HDD)	≤ 12.5kg	≤ 12.5kg	≤12.5kg	≤12.5kg
	Decoding card	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B	FB-AI1802-B FB-AI1804-B
	Disk Enclosure	DEU1016-B	DEU1016-B	DEU1016-B	DEU1016-B



Appearance	<b>NVR824-128-R-IX2-8G</b>	<b>NVR824-256-R-IX2-16G</b>
IP Video Input	128-ch	256-ch
Video/Audio Input	768 Mbps	768 Mbps
Audio Input	1-ch	1-ch
HDMI	2	2
VGA	1	1
Video/Audio Output	1-ch	1-ch
Outgoing Bandwidth	768 Mbps	768 Mbps
Decoding Capability	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1	3 x 12MP@30 5 x 4K@30 20 x 1080P@30 45 x 720P@30 96 x D1
Storage	HDD	24 SATA interfaces 1 eSATA interface
Network Interface	4 x RJ45 1000M	4 x RJ45 1000M
PoE	N/A	N/A
External Interface	Serial Interface	1 × RS232 1 × RS485
USB Interface	2 x USB3.0,2 x USB2.0	2 x USB3.0,2 x USB2.0
Alarm I/O	24/8	24/8
Power Supply	100 ~ 240V AC	100 ~ 240V AC
Power Consumption	≤70W (without HDD)	≤70W (without HDD)
Working Environment	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH	-10°C ~ 50°C (14°F ~ 122°F) 10% ~ 90% RH
Other	Dimensions(W×D×H)	533mm × 484.6mm × 175.5mm (21.0 "×19.1" ×6.9")
	Weight(Without HDD)	≤12.5kg
	Decoding card	FB-AI1802-B FB-AI1804-B
	Disk Enclosure	DEU1016-B