

# NR51P6-16

## Embedded Plug&Play NVR



### Key Features

#### Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

#### HD Input

- H.265/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 16 IP cameras can be connected
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution

#### HD Output

- HDMI and VGA outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

#### HD Storage

- Up to 4 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

#### HD Transmission

- 1 self-adaptive 10M/100M/1000M network interface
- 16 independent PoE network interfaces are provided

#### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

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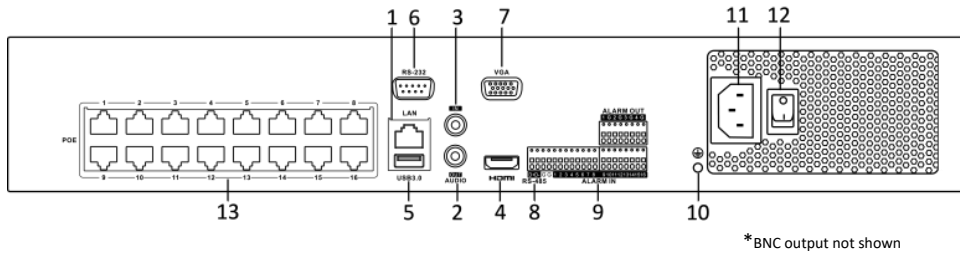
### Specifications

<b>Model</b>		<b>NR51P6-16</b>
<b>Video/Audio input</b>	<b>IP video input</b>	16-ch Up to 12 MP resolution
	<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1k $\Omega$ )
<b>Network</b>	<b>Incoming bandwidth</b>	160 Mbps
	<b>Outgoing bandwidth</b>	256 Mbps
	<b>Remote connection</b>	128
<b>Video/Audio output</b>	<b>Recording resolution</b>	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	<b>HDMI output resolution</b>	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ), resolution: PAL: 704 × 576, NTSC: 704 × 480
	<b>VGA output resolution</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	<b>Audio output</b>	1-ch, RCA (Linear, 1 K $\Omega$ )
<b>Decoding</b>	<b>Decoding format</b>	H.265/H.264/MPEG4
	<b>Live view / Playback resolution</b>	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	<b>Synchronous playback</b>	16-ch
	<b>Capability</b>	4-ch @ 4K, or 16-ch @ 1080p
<b>Hard disk</b>	<b>SATA</b>	4 SATA interfaces for 4HDDs
	<b>eSATA (optional)</b>	1 eSATA interface
	<b>Capacity</b>	Up to 6TB capacity for each HDD
<b>External interface</b>	<b>Network interface</b>	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	<b>Serial interface</b>	1 RS-485 (half-duplex), 1 RS-232
	<b>USB interface</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	<b>Alarm in/out</b>	16/4
<b>POE Interface (for /P series NVR only)</b>	<b>Interface</b>	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	<b>Power</b>	≤200W
	<b>Supported standard</b>	IEEE 802.3 af/at
<b>General</b>	<b>Power supply</b>	100 to 240 VAC
	<b>Power</b>	≤300 W
	<b>Consumption (without hard disk)</b>	≤20 W (without enabling PoE)
	<b>Working temperature</b>	-10 to +55°C (14 to 131°F)
	<b>Working humidity</b>	10 to 90 %
	<b>Chassis</b>	19-inch rack-mounted 1.5U chassis
	<b>Dimensions(W × D × H)</b>	445 × 390 × 70 mm ( 17.5"× 15.3" × 2.8")
	<b>Weight(without hard disk)</b>	≤ 5 Kg (11 lb)

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## Embedded Plug&Play NVR

### Physical Interfaces



Index	Description
1	LAN Network Interfaces
2	AUDIO OUT
3	AUDIO IN
4	HDMI Interface
5	USB 3.0 Interface
6	RS-232 Serial Interface
7	VGA Interface
8	RS-485 Serial Interface
9	ALARM IN and ALARM OUT
10	GND
11	100~240VAC Power Input
12	Power Switch
13	Network Interfaces with PoE function
13	16 interfaces for NR51P6-16