DP-2604NI-E1/4P series NVR
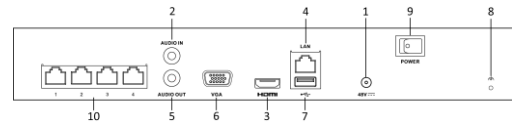
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Introduction:

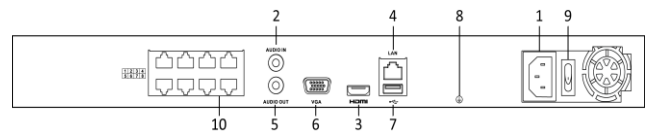DR-4600NI-E1/4P and DR-4600NI-E2/8P (16P) series NVR (Network Video Recorder) is a new generation recorder developed by Fwpnqr independently. Combined with multiple advanced technologies, such as audio and video decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other device to form a comprehensive surveillance system.

The DR-4600NI-E1/4P and DR/4600NI-E2/8P (16P) series NVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.

Main Features:

- Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- 4/8/16/32 network cameras can be connected for different models.
- Support live view, storage, and playback of the connected camera with up to the resolution of 6 megapixels.
- Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution.
- New GUI and support starting record with one key.
- Multiple recording types: manual, continuous, alarm, motion, motion | alarm, motion & alarm.
- Realize instant playback for assigned channel during multi-channel display mode.
- Customization of tags, searching, and playing back by tags.
- Playback by sub-periods.
- Locking and unlocking record files.
- Support HDD quota mode; different capacity can be assigned to different channel.
- Up to 2 SATA hard disks can be connected with up to 4TB capacity for each.
- 1 self-adaptive 10M/100M/1000M network interface is provided.
- Up to 4/8/16 independent PoE network interfaces for different models.
- Support Fwpnqr DDNS (Dynamic Domain Name System).
- Support network detection, including network delay, packet loss, etc.
- Support enabling H.264+ to ensure high video quality with lowered bitrate.

Physical Interfaces:

DP-2600NI-E1/4P

DP-2600NI-E2/8P

NOTE The rear panel of DR-4616NI-E2/16P and DR-4632NI-E2/16P provides 16 independent 100 Mbps PoE network interfaces.

Index	Name
1	Power Supply
2	Audio In
3	HDMI Interface
4	LAN Network Interface
5	Audio Out
6	VGA Interface
7	USB Interface
8	Ground
9	Power Switch
10	Network Interfaces with PoE Function

Typical Connections:
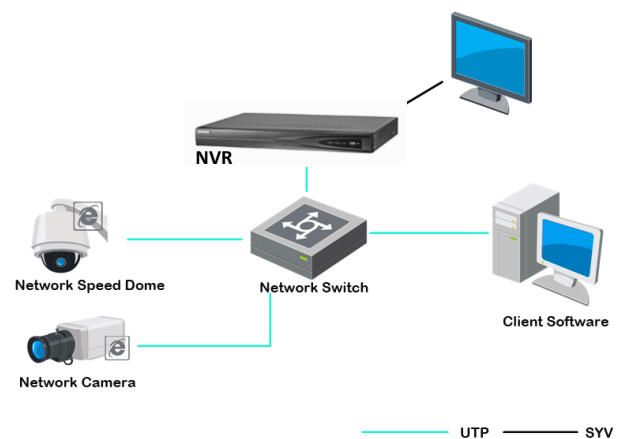
Specifications:

Model		DP-2604NI-E1/4P
Video/Audio input	**IP video input**	4-ch
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)
Network	**Incoming bandwidth**	40Mbps
	Outgoing bandwidth	80Mbps
	Remote connection	32
Video/Audio output	**Recording resolution**	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Frame rate	Main stream: 50 fps (P) / 60 fps (N)
		Sub-stream: 50 fps (P) / 60 fps (N)
	HDMI/VGA output	1-ch, resolution: 1920×1080 /60Hz, 1600×1200 /60Hz, 1280×1024 /60Hz, 1280×720 /60Hz, 1024×768 /60Hz
	Audio output	1-ch, RCA (Linear, 1kΩ)
Decoding	**Live view / Playback resolution**	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Capability	4-ch@1080P
Hard disk	**SATA**	1 SATA interface for 1 HDD
	Capacity	Up to 4TB for each disk
External interface	**Network interface**	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface
	USB interface	$1 \times$ USB 2.0 and $1 \times$ USB 3.0
	Alarm in/out (Optional)	4 / 1
PoE	**Interface**	4 independent 100 Mbps PoE network interfaces
	Max. Power	50W
	Supported standard	AF and AT
General	**Power supply**	48V DC
	Consumption (without hard disk and PoE)	≤10W
	Working temperature	-10 ℃ ~ +55 ℃ (+14 ℉~ + 131 ℉)
	Working humidity	10 % ~ 90 %
	Chassis	1U chassis
	Dimensions (W × D × H)	$315 \times 230 \times 45$mm (12.4"×9.1"×1.8")
	Weight (without hard disk)	≤ 1 kg (2.2 lb)