LX-N-316/2A/16P

NVR SERIES

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.265 H.264/H.264+/MPEG4 video formats
- Connectable to the third party network cameras
- Up to 16 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

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

HD Storage
- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

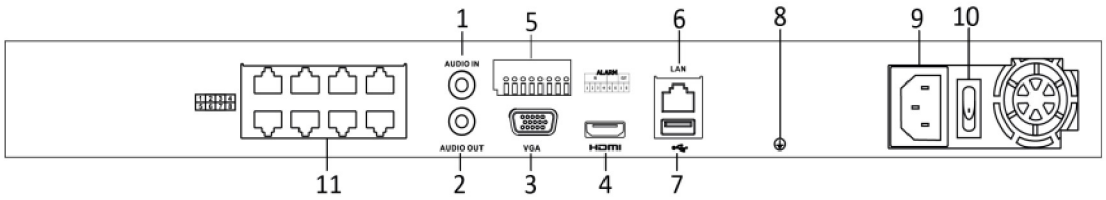
HD Transmission
- 1 self adaptive 10M/100M/1000 Mbps network interface
- 16 independent PoE network interfaces are provided

Various Applications
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Centralized management of IP cameras, including configuration , in formation import/export, real time information display, two way audio, upgrade, etc.
- Connectable to smart IP cameras from Lenx and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playb ack for assigned channel during multi channel display mode
- Supports HDD quota and group modes; different capacity can be assigned to different channels
- Smart search for the selected area in the video ; and smart playback to improve the playback efficiency
- LenxAPP for easy network management

SPECIFICATIONS

Model		LX-N-316/2A/16P
Video/Audio input	IP video input	16-ch
Entrada vídeo/áudio	Incoming bandwidth	160 Mbps
	Outgoing bandwidth	160 Mbps
Video/ Audio output	HDMI output resolution	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz
	VGA output resolution	1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz
	Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding	Formato decodificação	H.265/H.265 H.264/H.264+/MPEG4
	Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF /CIF/QCIF
	Synchronous playback	16-ch
	Capability	2-ch @ 8 MP (25fps) / 4 ch @ 4MP (30fps) / 8 ch @ 1080p (
Network management	Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	2 SATA interfaces
	Capacity	Up to 6 TB capacity for each HDD
External interface	Two-way audio	1-ch, RCA (2.0 Vp p, 1kΩ)
	Network interface	1 RJ45 10/100/1000 Mbps self adaptive Ethernet interface
	USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarme in/out	4/1
POE interface	Interface	16 RJ 45 10/100 Mbps self adaptive Ethernet interface
	Power	≤ 200 W
	Supported standard	IEEE 802.3 af/at
Geral	Power supply	100 to 240 VAC
	Power	≤ 280 W
	Consumption (without hard disk)	≤ 15 W (without enabling PoE)
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working humidity	10 to 90 %
	Dimensions (W × D × H)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")
	Weight (without hard disk)	≤ 3 kg (6.6 lb)

PHYSICAL INTERFACES



The LX-N-316/2A/16P provide 16 network Interfaces with PoE function.

Index	Description
1	AUDIO IN
2	AUDIO OUT
3	VGA Interface
4	HDMI Interface
5	Controller Port, Alarm In/Alarm Out
6	LAN Network Interface

Index	Description
7	USB 3.0 Interface.
8	GND
9	100 to 240 VAC power supply
10	Power Switch
11	Network Interfaces with PoE function

Available Models:
LX-N-316/2A/16P