

NETWORK VIDEO RECORDER

32 / 16 Channel 4K Embedded NVR

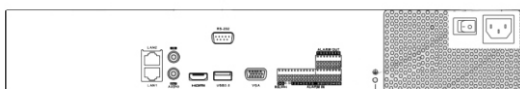
VNR-3212P4 / VNR-1612P4



Key Features

- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Dual-OS design to ensure high reliability of system running
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution
- HDMI Video output at up to 4K (3840x2160) resolution
- Up to 4 SATA interface
- 1 Self-adaptive 10M/100M/1000M network interface
- VCA detection alarm is supported

Rear Panel



Technical Specifications

Model No	VNR-3212P4	VNR-1612P4
IP video input	32-ch	16-ch
Incoming bandwidth	32-ch: 256Mbps	16-ch: 160Mbps
outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)	
VGA/HDMI output	HDMI1: 4K(3840×2160)/60Hz, 4K(3840×2160) 30Hz, 2K(2560×1440)/60Hz, 1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720 60Hz, 1024×768/60Hz HDMI2: 1920×1080/60Hz, 1280×1024/60Hz 1280×720/60Hz, 1024×768/60Hz VGA1: 2K(2560×1440)/60Hz, 1920×1080/60Hz 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz VGA2: 1920×1080/60Hz, 1280×1024/60Hz 1280×720/60Hz, 1024×768/60Hz	
Audio output	1-ch, RCA (Linear, 1kΩ)	
Decoding format	H.265/H.264+/H.264/MPEG4	
Recording resolution	12 MP/8MP/6MP/5MP/4 MP/3MP/1080p/UXGA 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Synchronous playback	16-ch	
Capability	4-ch @4K or 16-ch @ 1080p	
SATA	4 SATA interfaces	
Capacity	500GB/1TB/2TB/3TB/4TB/5TB/6TB	
VCA events	IPC uploading supported	
Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)	
Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet	
Serial interface	1 RS-485 (half-duplex), 1 RS-232	
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
Alarm in/out	16/4	
Power supply	100 to 240 VAC, 50 to 60 Hz	
Max. Power	200 W	
Consumption	≤25W	
Working temperature	-10°C ~ +55°C	
Working humidity	10 to 90 %	
Chassis	19-inch rack-mounted 1.5 U chassis	
Dimensions	445 × 390 × 70 mm (17.5" × 15.3" × 2.8")	
Weight	≤ 5 Kg (11lb)	