IP-COM

World Wide Wireless

NVR3108 & NVR3116
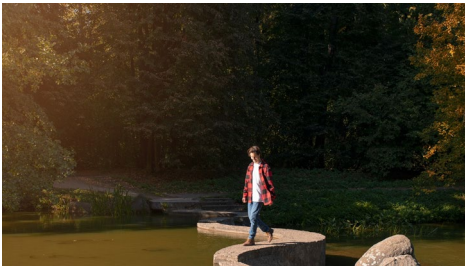
8/16-Channel UHD Network Video Recorder

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NVR3108 & NVR3116

8/16-Channel UHD Network Video Recorder

Product Introduction

The NVR3108 and NVR3116 are high-performance NVRs featuring 4K input and 4MP output, plug-and-play simplicity. With smart encoding to save storage and compatible with ONVIF protocol, it integrates seamlessly with other camera brands. Intelligent video categorization enables quick searches, while support for PC, App, and Web platforms ensures effortless management. Ideal for restaurants, shops, offices, parks, and schools.
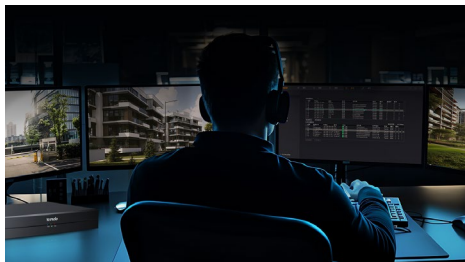
Product Features

Plug and Play, Say Goodbye to Complicated Configuration

The NVR automatically searches and adds connected cameras. Simply plug the network cable into the PoE port for immediate video output—no manual setup required, say goodbye to complicated network configuration.

Enjoy 4K UHD Images with Every Detail Captured

The NVR supports 4K camera input and output 4K ultra-clear resolution via HDMI, with up to 3840 x 2160 resolution. You will enjoy 4K UHD images with more details even when zoomed.

Graphical Interface, One Mouse to Control Everything

The intuitive graphical interface is very easy to use. All operations and configurations can be done with a mouse. Deeply optimized based on user habits, making it simple for beginners to get started.

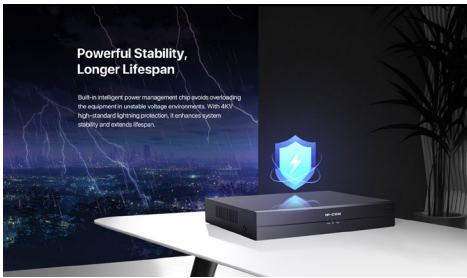## Categorized Detection Videos for Quick Search

Videos can be categorized by human or vehicle detection, boundary line crossing detection and intrusion detection, quick video search for improved efficiency.

Smart Efficient Storage, Doubles Storage Duration

Smart encoding technology reduces storage space and bandwidth by 50%, increasing storage efficiency and reducing surveillance costs.
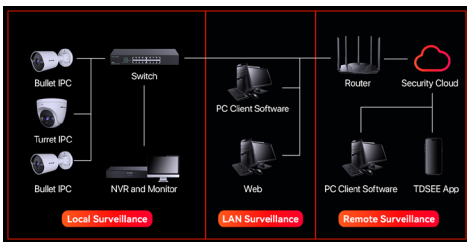
Product Features

Powerful Stability, Longer Lifespan

Built-in intelligent power management chip avoids overloading the equipment in unstable voltage environments. With 4KV high-standard lightning protection, it enhances system stability and extends lifespan.

Excellent System Compatibility

Not only supports IP-COM private protocol for plug-and-play with IP-COM cameras, but also supports the ONVIF protocol, ensuring perfect compatibility with mainstream camera brands.

Flexibly Build a Surveillance System

Pair with IP-COM network equipment to effortlessly build ultra-clear monitoring systems for shops, factories, offices, parks, and more. The system is highly versatile, flexible, and scalable.

Specification

Video&Audio Input	
IP Video Input	NVR3108: 8-ch; NVR3116: 16-ch
IP Video Resolution	Up to 8MP
Input Bandwidth	NVR3108: 60 Mbps; NVR3116: 80 Mbps
Audio Input	/

Video&Audio Output	
HDMI Output	1-ch, 2560 × 1440/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Output Bandwidth	NVR3108: 60 Mbps; NVR3116: 80 Mbps
Audio Output	/

Video&Audio Decoding	
Video Decoding Format	H.265+, H.265, H.264+, H.264
Audio Decoding Format	G.711A, G.711U, G726
Recording Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1
Decoding Capability	4-ch@1080p(30 fps)
Stream Type	Video, Video & Audio

Recording Management	
Record Mode	Normal, Alarm
Playback Mode	Instant, Channel, File, Tag
Sync Playback	Up to 8-ch
Backup Mode	USB device

Network Managemant	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
Network Protocol	HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, DDNS

Specification

Network Managemant	
Mobile Client	Supports iOS, Android
Web Browser	Plug-in free live view : Chrome, Edge, Opera
HDD Storage	
HDD Interface	1 × SATA interface
Capacity	Up to 10 TB capacity for each HDD
External Interface	
USB Port	NVR3108: 2 × USB2.0; NVR3116: 1 × USB2.0
General	
Power	12 VDC, 2 A
Dimension	255 mm x 216 mm x 44 mm (10" × 8.5" × 1.9")
Weight (Without HDD)	NVR3108: 662g(1.46lb); NVR3116: 692g (1.53lb)
Certification	CCC, CE, FCC, RoHs
Installation Method	Desktop mounting, wall mounting
Temperature	Operating Temperature: 0°C - 40°C (32°F - 104°F) Storage Temperature: -30°C - 70°C (-22°F - 158°F)
Humidity	Operating Humidity: 10% - 90% RH (non-condensing) Storage Humidity: 5% - 95% RH (non-condensing)

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