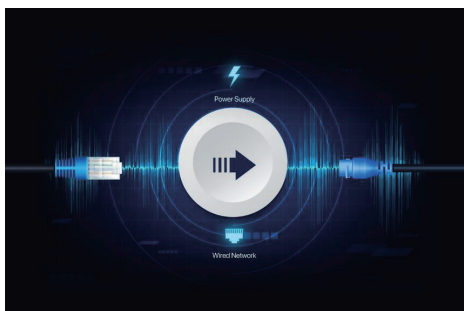# Tenda

N6P-16H

PoE HD Network Video Recorder

N6P-16H
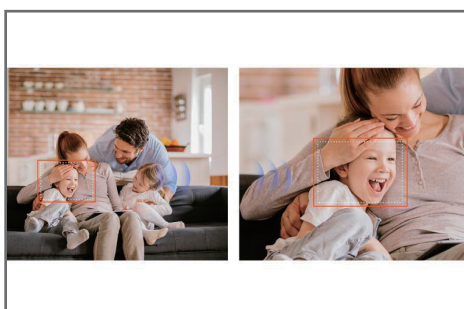
PoE HD Network Video Recorder

Product Description

N6P-16H PoE HD Network Video Recorder supports PoE power supply, plug and play, 4K UHD recording and output, HDD bad sector isolation, channel cloud storage, H.265 high-performance video compression and monitor video viewing on TDSEE App. It is suitable for such scenarios as single-family houses, shops, restaurants, offices, factories and farms, providing you efficient and convenient monitoring management.

Product Features

Power over Ethernet

Power supply and network transmission can be realized with only one Ethernet cable that supports 250 m long-distance transmission, which requires no switch, power adapter or PoE relay. This greatly simplifies the networking.

4K UHD

4K UHD camera connected and 4K high-definition HDMI output with up to 3840 x 2160 resolution provides you clear images with more details even when zoomed.

Plug and Play

Network Video Recorder will automatically search and add the camera connected to the PoE port, then you can see monitor images without further configuration.

HDD Bad Sector Isolation

The intelligent file storage system can automatically detect, identify and skip the bad sector to store recordings on the HDD, and make the monitoring storage more stable.

Product Features

Channel Cloud Storage

Network Video Recorder supports 10 TB large capacity HDD for a long recording period and channel cloud storage, and you will not missing any important recording.

Bandwidth Usage Saved by
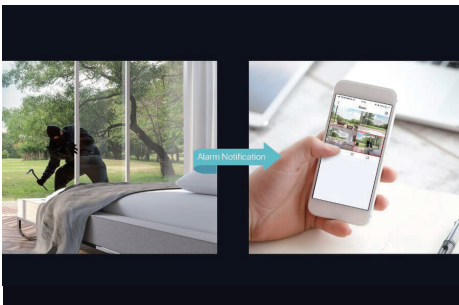50%↓

Recording Storage Space Saved by
50%↓

H.265+ Encoding

Powered by H.265+ smart encoding and decoding technology, with high storage utilization and lower monitoring costs, the storage space and bandwidth reduced by 50% compared with H.265.

4KV

Smart Power Management

Built-in smart power management chip to prevents over-run of device, and with 4KV high standard lightning protection to improve system stability and extend the service life.

Alarm Notification

Remote Monitoring

You can view the monitor videos on your mobile phone anytime and anywhere. Alarm messages are pushed in time to notify you abnormal situations in real time.

Product Specifications

Video&Audio Input	
IP Video Input	16-ch
IP Video Resolution	Up to 8MP
Input Bandwidth	80 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 10kΩ)

Video&Audio Output	
HDMI Output	1-ch, 4K(3840×2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Output Bandwidth	80Mbps
Audio Output	1-ch, RCA (2.0 Vp-p, 10kΩ)

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, HTTPS,WebSockets,TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, DDNS
Mobile Client	Support iOS, Android
Web Browser	Plug-in free live view : Chrome, Edge, Opera

Product Specifications

PoE	
PoE Port	8 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet ports
PoE Standard	IEEE 802.3at/802.3af
PoE Power	≤70 W
HDD Storage	
HDD Interface	1 SATA 3.0 interface
Capacity	Up to 10 TB capacity for each HDD
External Interface	
USB Port	2 x USB2.0
General	
Power	48 V DC, 1.875 A
Dimension	284 mm × 207 mm × 43 mm (11.2" × 8.2" × 1.7")
Weight (Without HDD)	780 g (1.72lb)
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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