

NVR5416-16P-4KS2E

Dahua NVR5416-16P-4KS2E WizSense 16 kanal PoE NVR; 4x10TB HDD; 12x1080p@30 fps; 14 kanal uz tanima; 16 kanal perimetr protection; 4 kanal ANPR; 16 kanal Stereo Analysis; 16 kanal Video Metadata; 16 kanal SMD Plus; Bandwidth 320 Mbps;



Specifications

Model	NVR5416-16P-4KS2E
Brand	Dahua
Növ	NVR
Kanal say?	16 kanal
PoE d?st?yi	PoE
Meqapixel	12 MP
Max HDD say?	4 HDD
Max HDD h?cmi	10 TB

KEY FEATURES

System

Main Processor Industrial embedded micro-processor

Operating System Embedded Linux

System

Operation Web; local GUI

Interface

Perimeter Protection by Camera

Performance 16 channels

AI Search Search for pictures by channel, time and event type

Face Recognition by Camera

Performance 14 channels

Face Attributes 6 attributes: Gender; age; glasses; expression; mouth mask; beard

AI Search Search for pictures by channel, time and face attributes

SMD Plus by Camera

Performance 16 channels

AI Search Search by target classification (human, vehicle)

Video Metadata by Camera

Performance 16 channels

Human Body Top; top color; bottom; bottom color; hat; bag; gender; age; umbrella

Vehicle Plate No.; type; color; vehicle type; logo; plate color; ornament; calling; seatbelt; region

Non-motor Vehicle Type; color; number of passengers; helmet

AI Search Supports searching for target video by metadata

ANPR by Camera

Performance 4 channels

Stereo Analysis by Camera

Performance 16 channels

AI Search Search by target classification (fall detection; people approach detection; people No. exception detection; people staying detection; violence detection)

Video

Access Channel 16

Network Bandwidth 320 Mbps for access, 320 Mbps for storage and 320 Mbps for forwarding

Bandwidth

Resolution 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1.3MP, 720p, D1, and more

Decoding Capability 16-channel@1080P (30 fps)

Capability

Video Output HDMI1: 3840 × 2160; 1920 × 1080; 1280 × 1024; 1280 × 720

VGA1: 1920 × 1080; 1280 × 1024; 1280 × 720

HDMI2/VGA2: 1920 × 1080

VGA1/HDMI1 homologous output, VGA2/HDMI2 homologous output, and VGA1/HDMI1 and VGA2/HDMI2 supports heterogeneous output

Multi-screen Display 1st Screen: 1/4/8/9/16

2nd screen: 1/4/8/9/16

Third Party	Panasonic, Sony, Samsung, Axis, Pelco, Arecont, ONVIF, Canon and more
Camera Access	
Compression	
Video	Smart H.265+; Smart H.264+; H.265; H.264; MJPEG
Audio	PCM; G.711A; G.711U; G.726
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; PPPoE; DDNS; FTP; Alarm Server; IP Search (Supports Dahua IP camera, DVR, NVS, and more.) ; P2P
Mobile Phone Access	Android; iOS
Interoperability	ONVIF (profile T/S/G); CGI; SDK
Browser	Chrome; IE9 or later; Firefox
Record Playback	
Multi-channel Playback	1/4/9/16
Record Mode	Manual; schedule (general; MD; alarm; MD & alarm; intelligent; POS)
Storage Method	Local HDD and network
Backup	USB device
Playback Function	1. Play; pause; stop; fast forward; fast backward; rewind; play by frame 2. Full screen; backup (cut/file) ; partially enlarge; audio on/off
Storage	
Disk Group	Yes
Alarm	
General Alarm	Motion detection; privacy masking; video loss; local alarm; PIR alarm; IPC alarm
Anomaly Alarm	Camera offline; storage error; full storage; IP conflict; MAC conflict; login lock; network security anomaly
Intelligent Alarm	Perimeter protection; face detection; face recognition; SMD; video metadata (human; motor-vehicle; non-motor vehicle) ; ANPR; people counting; stereo analysis; crowd distribution; heat map
Alarm Linkage	Record; snapshot; IPC external alarm output; buzzer; log; preset; email
External Port	
Audio Input	1 channel, RCA connector
Audio Output	2 channels, RCA connector, which supports voice intercom output
HDD	4 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
Alarm Input	16 channels
Alarm Output	6 channels
eSATA	1 eSATA
RS-232	1 channel, used to debug and pass through serial data
RS-485	1 channel, used to control PTZ, and it supports multiple protocols
USB	1 front USB 2.0 port, 2 rear USB 3.0 ports
HDMI	2
VGA	2
Network	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port
PoE	16 ports (IEEE802.3af/at) 1-8 ports support ePoE & EoC
General Parameter	
Power Supply	Single, 100V–240V AC, 50 Hz–60 Hz
Power Consumption	NVR: < 17.5W (without HDD)
Consumption	PoE: Max 25.5W for single port 150W total rated power, 80% control for protection