

DHI-NVR4108-8P-EI

8CH Smart 1U 8PoE 1HDD WizSense Network Video Recorder



Wiz Sense

Launched by Dahua Technology, WizSense is a series of AI products and solutions that adopt independent AI chip and deep learning algorithm. It focuses on human and vehicle with high accuracy, enabling users to fast act on defined targets. Based on Dahua's advanced technologies, WizSense provides intelligent, simple and inclusive products and solutions.

Series Overview

NVR4000-EI series is a new generation of network recorders that offers powerful decoding capabilities, and strong bandwidth. It features high-precision face recognition, perimeter protection, and SMD (Smart Motion Detection), which can distinguish target vehicles and humans from other types in real time. When connected with select IPC cameras, Quick Pick technology becomes available, allowing human and vehicle targets to be easily searched for and picked out. This network recorder is not only cost-effective, but also compatible with a wide variety of third-party devices, making it a great choice for small and medium-sized businesses.

Functions

Face Detection

Face detection is to detect if there is any human face appearing in the video. This technology adopts a deep learning algorithm to support face detection, tracking, optimization and capturing, and then output the best face snapshot.

Face Recognition

Dahua Face Recognition technology extracts the features of captured faces and compares them with those in face database to recognize the person identity.

Perimeter Protection

Automatically filtering out false alarms caused by animals, rustling leaves, bright lights, etc. Enables system to perform secondary recognition for the targets. Improving alarm accuracy.

- · Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format.
- · Access, storage or forwarding at 256 Mbps (180 Mbps when AI function enabled).
- \cdot Max. decoding capability: 16 \times 1080p@30 fps. Supports adaptive decoding.
- Al by NVR: 1-channel face detection and recognition; 2-channel perimeter protection; up to 10 face databases and 20,000 face images; 4-channel SMD Plus.
- Al by Camera: Face detection and recognition, perimeter protection; SMD Plus; people counting; stereo analysis; heat map.
- \cdot Connected to the third-party network cameras.
- · Security baseline 2.3.



SMD Plus

With intelligent algorithm, Dahua Smart Motion Detection technology can categorize the targets that trigger motion detection and filter the motion detection alarm triggered by non-concerned targets to realize effective and accurate alarm.

AI Search

Support AI seach by metadata of different targets or uploading face pictures to device and comparing them with recorded faces by similarity. Enable operators to quickly and easily search through multi channels and long duration, efficiently find out when and where a person of interest appeard.

Heat Map by Camera

Dahua heat map technology is used to display the crowd density and people appearance probability. Export and display the crowd status by different colors. Generally, the crowd status is the statistics of people quantity in space and time dimensions.

Quick Pick

Dahua Quick Pick technology can enable users to quickly pick up the human/vehicle targets that they are interested in, which facilitates retrieval from SMD events.

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Resolution 960p; 720p; D1: CIE			HDMI	1
	RESOLUTION		VGA	1

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Network Port	1 (10/100/1000 Mbps Ethernet port, RJ-45)		
PoE Port	8 ports, 10/100 Mbps, IEEE 802.3 af/at		
General			
Power Supply	53 VDC, 1.812 A		
Power Consumption	Total output of NVR is <10 W(without HDD) Total output power of PoE is 72W,the maximum output power of asingle port is 25.5W		
Net Weight	0.70 kg (1.54 lb)		
Gross Weight	1.74 kg (3.84 lb)		
Product Dimensions	270 mm × 206.2 mm × 47.5 mm (10.63" × 8.12" × 1.87") (W × L × H)		
Packaging Dimensions	427 mm × 96 mm × 262 mm (16.81" × 3.78" × 10.31") (W × L × H)		
Operating Temperature	–10 °C to +55 °C (14 °F to +131 °F)		
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)		
Operating Humidity	10%-93% (RH)		
Installation	Rack or desktop		
Certifications	FCC: 47 CFR FCC Part15, SubpartB, Class A CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3- 2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014		

Description

8CH Smart 1U 8PoE 1HDD WizSense Network Video Recorder

Ordering Information

Туре

8 Channels

WizSense NVR

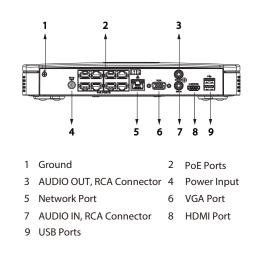
Model

8P-EI

DHI-NVR4108-

Panels

Dimensions (mm[inch])



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