

DHI-IVSS7024DR-8T

4U 24HDD AI Network Video Recorder



Deep • Sense

DeepSense series products adopt the most advanced AI technologies, including deep learning algorithms that primarily target people and vehicles, which provides higher flexibility and accuracy for end-users. This enables the Dahua DeepSense series to offer various advanced applications such as Face Recognition, ANPR, Metadata, People Counting, traffic data statistics, etc.

The complete lineup of Dahua DeepSense includes network (PTZ) cameras, network video recorders, servers, and platform management products. Beyond seeing the world, the power of AI allows devices to perceive the environment and understand the world in a better way.

System Overview

Dahua IVSS goes beyond the ordinary NVR products. It is an Intelligent Video Surveillance Server combines video management functions with traditional video storage operations in one device. Besides the basic functions as network video recorder, IVSS is integrated with features such as face detection, face recognition for different business and industrial applications.

With build-in deep learning module, IVSS series products adopt video image structuring technology based on deep learning algorithms, achieving high-precision human face analysis, comparison, retrieval, storage, and management. By applying deep learning artificial intelligence, IVSS allow users to focus on what matters most, improve event response time and help make video actionable.

An all new UI design supports device operation and maintenance management, improving the value and experience of surveillance view, and servicing the era of security big data.

- Intel quad-core processor
- · Max 512Mbps incoming bandwidth
- · 256 Channel IP video access
- Up to 32 Channel back end face recognition
- Regular/stranger mode
- · Search by image
- · Face database management
- Supports RAID 0/1/5/6/10
- SAS3.0 for storage extension
- · 3HDMI/1VGA video output
- · Redundant power











Functions

Real Time Face Recognition

Up to 32 channel real time face recognition by IVSS. Facial attributes analysis features including gender, age, expression, glasses, moustache, mouth mask. Identify people and also capture, record faces with structured data. Facial feature filtering while real time display, only show faces with target features.

Regular/Stranger Mode

IVSS support regular and stranger mode. In stranger mode, when IVSS detect a stranger face(not in device's face database), it can trigger alarm, buzzer, snapshot, record, etc. Similarity threshold can be set manually. This function is developed for important infrastructure sites for which access control is critical.

Efficient Search

Support uploading face pictures to IVSS and compare them with recorded faces in IVSS 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.

Face Database Management

Configurable multiple face databases. Powerful face database management. Face database can be applied to video channels independently. Name, gender, birthday, nationality, address, ID information can be added to each face picture.



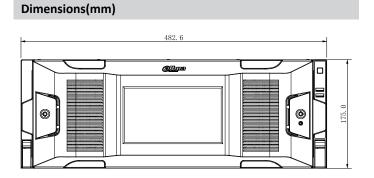
Backup Mode

USB Device/Network

System Third-party Support AXIS, Panasonic, Sony, etc. Main Processor Intel Quad-core Processor Network Memory 16GB, up to 6GB Interface 4 R-45 Ports (10/100/1000Mbps) Operating System Embedded LINUX Optional Interface 4 Giga Optical Fiber Interface Artificial Intelligence Respect to the part Mode Interface 4 Giga Optical Fiber Interface Artificial Intelligence Duty to 32 channel face recognition Network Port Mode dispendent Etherne Ports, Load & Interface Metadata Surretured data of gender, age, expression, glasses, most stand, information. Network Function HTTP, HTTP, TCP/IP, UDP, RTSP, IP-M DNS, IP-M DN	
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Resolution 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, etc. 4U, 482.6mm x 543.4mm x 175mm (1	9" v 21 39'
Record Mode Schedule (Continuous, Event) Dimensions 40, 402.0mm (275.mm (275.	, , , 21.55
Video Detection and Alarm Net Weight 20kg (44.09 lb) (without HDD)	
Trigger Events Recording, Snapshot, Buzzer, etc. Installation Standard 19-inch Rack-mounted	
Video Detection Motion Detection, MD Zones: 396 (22 × 18); Tampering Certifications	
Alarm input 16 Channel CE EN55032, EN55024, EN50130-4, EN6	950-1
Relay Output 8 Channel FCC Part 15 Subpart B, ANSI C63.4-2014	
Playback and Backup	
Sync Playback Up to 16ch sync playback, 128Mbps playback bandwidth	
Search Mode Time / Date, Video Detection, Face and Exact Search (accurate to second)	

DeepSense series | DHI-IVSS7024DR-8T

Ordering Information			
Туре	Part Number	Description	
IVSS	DHI-IVSS7024-8T	4U 24HDD Intelligent Video Surveillance Server with 32 Channel Back End Face Recognition	
IVSS	DHI-IVSS7024DR-8T	4U 24HDD Intelligent Video Surveillance Server with Redundant Power, LCD screen and 32 Channel Back End Face Recognition	
Relevant Products	DH-IPC-HF8242F-FD	2MP Starlight Face Detection Box Network Camera	



Relevant Products



