Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.
Only persons who read the user manual may use the device.
The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.
The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.
If the product has defects, it should not be used until it is repaired.
The product is intended for use at home and commercial use and may not be used for other than intended use.
The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.
The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:
1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:
Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.
The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.
Turn off the device before transporting it.
Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.
Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Proper product disposal:
A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.
To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

It is forbidden to use the device in case its power cord or plug is damaged, the device works incorrectly, was damaged or dropped. A damaged power cord or plug must be replaced with new ones by the manufacturer, personnel of service centre or a person with relevant qualifications in order to avoid the risk of electric shock. We do not recommend repairing the device on one's own for safety reasons.
The device is not intended for operation by persons (including children) with limited physical, sensory or mental capabilities as well as persons inexperienced in operation or not competent to operate of such device, unless the operation is supervised by a person responsible for their safety or in line with instructions for use provided by such person.
It is forbidden to touch the plug with wet hands! Pull the plug, never the cable, to pull out the plug from a socket.
The device is to be used exclusively according to its use described in this manual. Use of accessories not recommended by the manufacturer of the device may cause fire, electric shock or injuries.
Marking of a lightning inside a equilateral triangle signifies presence of dangerous voltage, contained under the cover of the device. It may be dangerous for user's life and health.

The DSS7016D-S2 security system management server is a device enabling centralized management of surveillance and access control systems. The server allows to use the capabilities of cameras connected to it, recorders, access controllers and video doorphones.
Integration with the surveillance system, allows to operate up to 2000 video channels - regardless of whether the source are DVRs or IP cameras. The server allows to view video from cameras in real time, as well as store and playback recordings. In addition, the device supports advanced image analysis functions such as face recognition and the ANPR vehicle identification.
Central database management allows free transfer of a database of recognized people between all devices offering face recognition functionality in the system. In a similar way, the database of recognized vehicles is managed. In addition, if more than one camera supporting the ANPR recognition of vehicles on a stretch of road is used, the system allows sectional speed measurements of vehicle.
The server enables cooperation with POS terminals and assigning the image from the camera to transactions concluded with the help of a specific terminal.
Advanced integration with mobile recorders allows to automatically archive recordings when the DVR is available in the local Wi-Fi network, or if the DVR has a permanent connection to the Internet via a mobile network. In the second case, it is also possible to track the route of the vehicle.
The device works with video wall controllers and external disk arrays, it is also compatible with the NKB series control keyboards.
The server also allows to manage the access control system including the IP video doorphones of the VTO series, VTH internal panels, ASC controllers and VTS guard stations. In addition to device management, the server also allows to centrally manage the users, user groups, and access zones. The management center supports all the user identification methods that can be found in the DAHUA devices, thanks to which it is possible to recognize the user by: face recognition, fingerprint, PIN code and card or RFID key-fob. The system also supports advanced functions of the transition control, such as Anti-passback, remote door opening, leaving the door open, unlocking in the presence of more than one user, remote access verification. The device can also function as a SIP server. The server supports voice calls between internal panels, voice group calls, redirection of a video call from a door station to a guard station and redirection of a video call to a mobile phone.
The server also has basic functions enabling integration with the alarm system. Additionally, it is possible to place markers on the map of the object for individual cameras, alarm inputs and doors. Thanks to this, when the alarm is triggered, the place of calling it is marked on the map.
It is possible to use more than one DSS7016D-S2 server in the system. The design of the system allows cascading devices - one MASTER server is able to manage up to 20 SLAVE servers, and the entire system can have a maximum of 5 levels. In addition to being able to cascade, the servers are also adapted for redundant work in the Hot Standby system - both in a ratio of 1:1 (one spare device per working server), and 1:n (apart from servers running in normal mode, the system has one or more spare devices that can be used in the event of any server failure). The Hot Standby system is characterized by the parallel operation of the main and redundant device, so that in the event of a failure, the spare server is ready for immediate takeover of tasks without noticeable breaks in the operation of the entire system.
The combination of all the above functions allows to create a simple and intuitive to use center, enabling remote management of almost every aspect accompanying the maximum security of the protected facility.

Standard:	TCP/IP
Supported resolutions:	max. 12 Mpx - 4000 x 3000 px

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Number of video channels:	max. 2000
Video outputs:	• 3 pcs HDMI • 1 pcs VGA
Audio inputs:	1 pcs Microphone - Jack 3.5 mm socket
Audio outputs:	1 pcs - Jack 3.5 mm socket
Supported hard drives:	• 15 x 10 TB SATA III, • Cooperation with the DAHUA disk arrays of the ESS series Maximum supported total disk space : 200 TB Possibility of operation the disks in RAID 0/1/5/6/10 array
Searching and playback the records:	Records searching: by time and events type. Records playback: forward, backward, fast, slow "Frame by Frame" playback function
Network interface:	4 x 10/100/1000 Base-T
Bitrate:	max. 700 Mbps
Network functions:	Full support via network, Remote records copying, Web Server built-in max. 200 on-line users
Mobile phones support:	✔
Default IP address:	192.168.1.108
Default admin user / password:	admin / - The administrator password should be set at the first start
Web browser access ports:	80, 37777
PC client access ports:	37777
Alarm inputs / outputs:	4 / 2
PTZ control:	IP Speed Dome Cameras, RS-485
RS-485:	✔
RS-232:	✔
Motion Detection:	✔
Intelligent Image Analysis:	✔
Mouse support:	✔
ANPR:	max. 64 cameras
Face recognition:	max. 64 cameras

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Main features:	• Cooperation with DAHUA recorders • IP Dahua cameras support • Cooperation with POS (Point of Sale) terminals - max. 64 devices • Cooperation with the DAHUA access control systems - support max. 256 doors • Cooperation with the DAHUA IP video doorphone systems : - Voice calls between the VTH series internal panels and the system management center - Video calls between door stations of the VTO series and the system management center - Work as a SIP server - Group connection with the VTH internal panels and devices compliant with the SIP protocol - Redirecting a video call to mobile phone • Automatic search for cooperating devices in the local network • Support for devices with the ANPR vehicle identification functions and face recognition • Sectional speed measurement (requires several ANPR cameras on the road section) • The ability to track the person's location based on the face recognition function • Central management of the access control system : - Adding, deleting and editing users - Change of permissions of individual users and groups of users - Change of access to individual zones - Monitoring the status of individual doors - Central database management, updating and sharing the database between all system devices - It applies both to the classic databases of users of the access control system as well as to the bases of identified faces and vehicles • Advanced functions of the transition control : - Anti-passback - Remote opening of the door - Leaving the door open after the first access - Unlocking the transition only when more than one user is present - Remote access verification • Cooperation with the MNVR mobile recorders : - Archiving recordings from the mobile recorder using the local Wi-Fi network - Archiving the route covered by the vehicle with a mobile recorder - Access to the image recorded by the mobile recorder in real time (the recorder must have an Internet connection and a fixed IP address) • Emap function - possibility to mark the location of system elements on the map of the object : - The use of Google Maps - When an alarm is triggered, the element that initiated the alarm is marked on the map - Access to preview images from cameras and archived recordings from the map level - The camera's field of view can be marked on the map - Ability to roughly determine the route covered by a person based on face recognition function (required devices supporting face recognition functions) - Ability to roughly determine the vehicle route based on ANPR recognition (required cameras supporting this function) • Cooperation with the wall of monitors • Cooperation with the controllers of the NKB series • Integration with the alarm system : - Signaling of events registered on the server by alarm outputs - Setting the system arming schedules - Calling up the action after receiving the signal from the alarm control panel - Transmission of information about the triggered alarm to selected users • Intelligent Image Analysis : Intelligent Object Tracking, people counting, heat map • Possibility to connecting in cascade - max. 5 levels, max. 20 devices • The possibility of redundant work
Power supply:	100 ... 240 V AC
Weight:	19.1 kg
Dimensions:	445 x 522 x 133 mm - RACK 19", 3U
Supported languages:	English

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Country of origin:	China
Manufacturer / Brand:	DAHUA
Guarantee:	**5 years**

PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg

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