

DHI-VTSS5000

Video Talk System Server



Introduction

VTSS5000 is an all-in-one server that is composed of Dahua's video talk management, video management system, center storage, operating system and hardware. It is smart and easy to deploy and operate.

VTSS5000 provides the best level of support while maintaining an easy-to-use interface for operators and technicians. Features include: user rights management, device management, 2-way video talk between VTO and control center, 2-way audio talk between VTH and control center, transfer the call from VTH to mobile, card and fingerprint management, alarm management, center storage, and other advanced features.

Features

System Stability

- Embedded Linux System, C/S Architecture
- Support 7*24 stable operation
- Support distribute deployment
- Support hot standby for master server
- Support N+M hot standby for slave server

High Compatibility

- All Dahua's devices included: network camera, network speed dome, NVR, DVR, VDP, etc.
- Connect third-party devices via standard ONVIF protocol
- Offer the platform SDK for third-party platform or mobile phone do further development

High Flexibility and Stability

- Up to 20 slave servers can be managed per master server
- Support unlimited accounts management, 8000 online users and 500 roles, unlimited mobile users
- Support 200 IP devices (1000 channels)
- Support 5000 VDP ID
- Support 100 ONVIF devices

Main Functions

- Manage the devices and users for the different organization
- Assign different camera range, active period and business modules for different user
- 2-way video talk between VTO and control center
- 2-way audio call between VTH/SIP phone and control center
- VTH and sip phone group call
- Push notification to VTH
- Transfer video talk request to mobile phone from VTH
- Control center and mobile phone remote unlock
- All-in-one card and fingerprint authority management
- Video monitor in VTO, control center and mobile phone
- Set different scheme for different events, record and view all event history information
- Live view, PTZ control, snapshot, instant playback, customized layout
- Playback the records from the front-end devices or center
- Support up to 16 channels sync playback
- Support GIS map(Google, RasterMap)
- Support Yahoo、Gmail、Hotamil

Performance Specification

System

Main Processor	64 bit 4 core CPU
Operating System	Embedded Linux
Memory	4GB
Chassis	1.0mm SGCC steel plate

Interface

Network Port	4 RJ-45 Ports (10/100/1000Mbps)
Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
RS232	Reserved
RS485	Reserved(reusable with alarm port)
Alarm input/output	Reserved(reusable with alarm port)
USB Port	Front panel: 2× USB 3.0, Rear panel: 2 × USB 2.0
HDMI	2 HDMI, one as network config, another as spare
VGA	1 VGA, as network config
HDD Installation	Built-in 1× 1T HDD disk (2.5") for system Support 3HDD disks (2.5") for Video &Picture storage

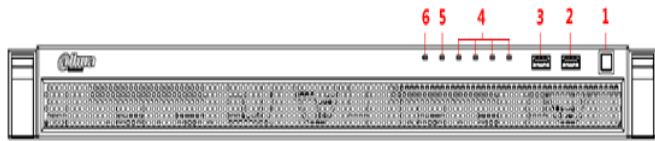
Video Management

Number of Connected Cameras Per Server	1000
Clients Per System	8000 Online Users
Numbers of Users	Unlimited
Numbers of Roles	500
Bandwidth of Video Input per Server	350 Mbps
Bandwidth of Video Output per Server	350 Mbps
Bandwidth of Video Storage per Server	100 Mbps
Alarm Inputs	Process 1000 channel alarm per second

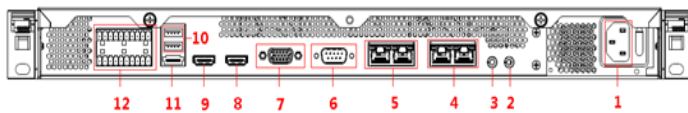
Other

Power	100V ~ 240V, 47 ~ 63Hz
Consumption	35W ~ 50W (with HDD)
Working Environment Temperature	0°C ~ 50°C
Working Environment Humidity	5%~90% (non-condensation)
Storage Environment Temperature	-20°C ~ +70°C
Storage Environment Humidity	5% ~ 90% (non-condensation)
Working Altitude	-60m ~ 3000m
Weight (Without Package)	4.5Kg
Dimension	1U, 440mm×398.6mm×43.6 mm
Installation Method	Standard 19" rack installation

Physical Interface



- 1- Power Button
- 2- USB 3.0
- 3- USB 3.0
- 4- HDD Status
- 5- Alarm Indicator
- 6- Network Indicator



- 1- Power Interface
- 2- Audio Output
- 3- Audio Input
- 4- Ethernet Port 1~2
- 5- Ethernet Port 3~4
- 6- RS232 Interconnects
- 7- Video VGA Output
- 8- HDMI1
- 9- HDMI2
- 10- USB2.0x2
- 11- eSATA Interface
- 12- Alarm In & Out

Dimensions (mm)

