

# DSS4004



## Features

· Embedded device, 7\*24 stable operation, client-server Architecture

· High-performance stream media transfer and storage capability

- Support distribute and cascade deployment
- Support hot standby
- Support local storage and IP-SAN storage
- Support GIS map(Google, RasterMap)
- Support ONVIF standard protocol connection
- Support platform SDK
- Support POS function
- Support People Counting Statistic
- Support VDP, through SIP Server
- Support Heat Map
- Support to set up the devices, such as IPC, NVR, MDVR

and so on

- Support Yahoo,Gmail,Hotmail
- Support ANR and Edge storage

## Performance

- Support 200 IP devices and 1000 channels
- Support 100 ONVIF Devices
- Support 200 devices to auto-Register
- Support unlimited accounts management and 8000 online users and max 500 roles
- Support 300M transfer capability
- Support 100M local storage capability
- Support 20 distributes server and 5-level cascade
- E-map max displays 200-channel on one screen
- Process 1000-channel alarm per second
- DSS Client support 4K signal decoding
- Support 200 VTO/VTH Devices
- Support Max 300TB storage capability per storage server

- Support max 100 access control devices

## Specification

### Performance Specification

#### System

Main Processor	64 bit 4 core CPU(BayTrail-D J1900)
OS	Embedded LINUX
Fan	Low noise fan cooling, support 7x24 work
Memory	4GB server
Chassis	1.0mm SGCC steel plate
Local System Setting	Network configuration

#### Display Port

HDMI	2 HDMI, 1 as network config, 1 as spare
VGA	1 VGA, as network config

#### Data Management

HDD Installation	Built-in 1 1T corporate hard disk
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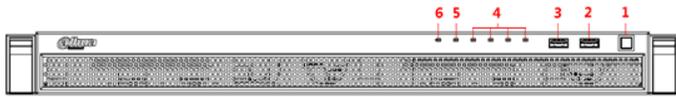
#### Port

Network Port	4 100/1000Mbps Ethernet ports
RS232	Reserved
RS485	Reserved(reusable with alarm port)
USB Port	Front: 2 3.0, rear 2 2.0, motherboard loads 1 USB2.0

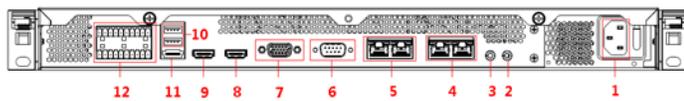
#### Other

Power	100V~240V, 47~63Hz
Consumption	35W~50W(with HDD)
Working Environment Temperature	0℃~50℃
Working Environment Humidity	5%~90% (non-condensation)
Storage Environment Temperature	-20℃~+70℃
Storage Environment Humidity	5%~90%(non-condensation)
Working Altitude	-60m~3000m

Dimensions	440(W)*43.65(H)*398.7mm
Weight(without package)	4.5Kg
Installation Method	Standard 19 inch rack installation



- 1- Power Button
- 2- USB3.0
- 3- USB3.0
- 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