

## **DS-AT1000SI/C450/450T** **24-slot Cost-efficient Super Capacity Storage**



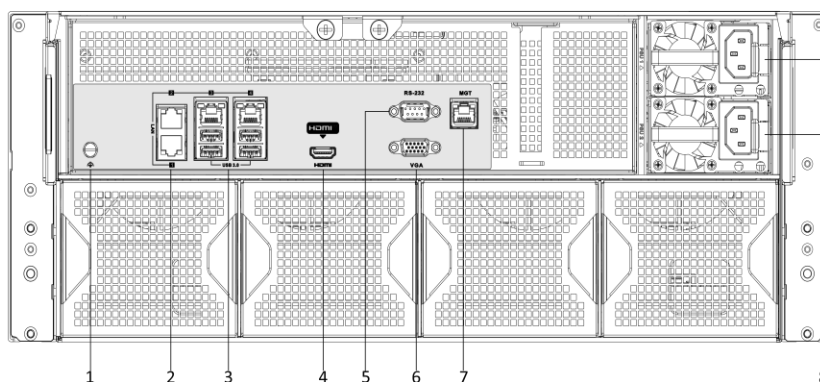
The AT1000S Series is a video recording product launched by Hikvision. Featuring hardware-software integration and pre-installed hard drives, it delivers cost-optimized video storage solutions. The device offers multiple drive bay configurations and supports direct video stream writing capability. With comprehensive intelligent monitoring, it provides multi-level smart O&M services for worry-free maintenance.

- High-quality recorder capable of storage and adopts multiple advanced technologies, including direct streaming video technology, VRAID technology etc.
- Modular and no-cable design.
- Supports pre-installed 15\*30TB enterprise HDD
- Connectable to encoding devices (IPC/DVR//NVR) using standard stream media protocol such as RTSP, ONVIF etc
- Supports ultra-fault-tolerant disk processing: Even when failed disks exceed redundancy limits, data on remaining drives remains readable, and new data can still be written normally.
- Supports VRAID 2.0 data protection technology, enabling refined management of storage space and data.

## ▪ Specification

|                              |                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------|
| <b>Network</b>               |                                                                                       |
| Protocol                     | RTSP, ONVIF, SDK, ISAPI                                                               |
| <b>External interface</b>    |                                                                                       |
| USB                          | USB 2.0: Front × 2<br>USB 3.0: Rear × 4                                               |
| Data network interface       | 4 × 2.5G Ethernet interface(4 × GbE or 2 × GbE or 1 × GbE or 2 × 10GbE is extendable) |
| COM                          | RS-232 serial interface × 1                                                           |
| Management network interface | 1, 1000M Ethernet interface                                                           |
| <b>Storage</b>               |                                                                                       |
| HDD slot                     | 24 (Pre-installed 15 HDDs. Fixed number of available slots.)                          |
| Interface/capacity           | SATA/30 TB                                                                            |
| Hot-swapping                 | Supported                                                                             |
| HDD support                  | Enterprise Hard Disk                                                                  |
| RAID                         | VRAID 2.0                                                                             |
| <b>Hardware</b>              |                                                                                       |
| Structure                    | Controller Structure                                                                  |
| Processor                    | 64-bit multi-core processor                                                           |
| Cache                        | 16 GB                                                                                 |
| <b>Storage Management</b>    |                                                                                       |
| Disk management              | Disk inspection, alarm and repair                                                     |
| <b>Recording Management</b>  |                                                                                       |
| Recording mode               | Timing recording, event recording                                                     |
| Video protection             | Lock key video, ANR, video loss detection and alarm                                   |
| Searching mode               | Search by time and event                                                              |
| Downloading mode             | download by time, download by file                                                    |
| <b>Device Maintenance</b>    |                                                                                       |
| Management mode              | Web-based GUI, serial interface CLI, centralized management of multiple devices (HCP) |
| Alarm mode                   | Sound, light, email, web page                                                         |
| Log downloading              | Download on web page                                                                  |
| <b>HDD</b>                   |                                                                                       |
| HDD Model                    | Hikvision, HK7230AH, 30TB;                                                            |
| <b>Performance Parameter</b> |                                                                                       |
| Video performance            | 450-ch (2Mbps)                                                                        |
| <b>External Interface</b>    |                                                                                       |
| HDMI                         | Rear × 1                                                                              |
| <b>General specification</b> |                                                                                       |
| Chassis                      | 4U                                                                                    |
| Dimension (W × H × D)        | 447 × 175 × 787 mm (17.6 × 6.9 × 31.0 in)                                             |
| Weight (without HDDs)        | ≤ 25kg                                                                                |
| Weight                       | ≤ 37kg                                                                                |
| Power Module                 | Redundant 550W                                                                        |
| Rated power consumption      | Working: ≤ 522W                                                                       |
| Working humidity             | 20% to 80%RH (non-condensing/frozen)                                                  |
| Storage humidity             | 5% to 90%RH (non-condensing/frozen)                                                   |

## ▪ Physical Interface

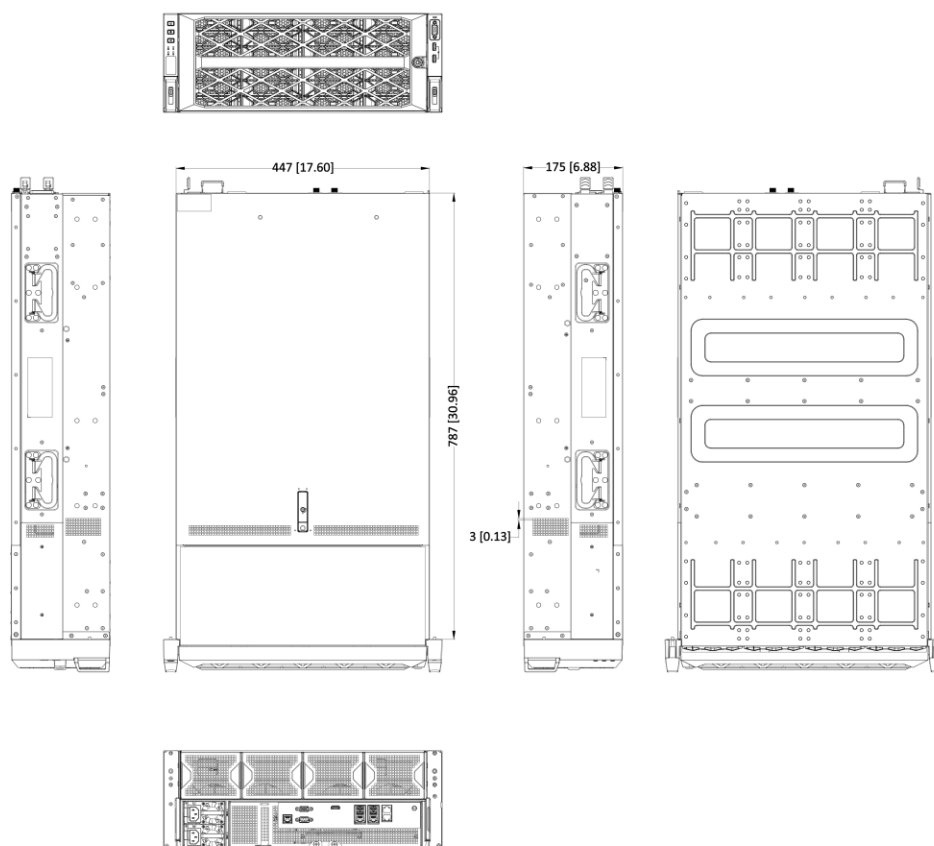


| Number | Description           | Number | Description                  |
|--------|-----------------------|--------|------------------------------|
| 1      | GND                   | 5      | RS-232 interface             |
| 2      | LAN network interface | 6      | VGA interface                |
| 3      | USB 3.0               | 7      | Management network interface |
| 4      | HDMI interface        | 8      | Power supply                 |

## ▪ Available Model

DS-AT1000SI(STD)/C450/450T

## ▪ Dimension



Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

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