

## **DS-A80624SI** **24-slot Single Controller Storage**



The DS-A80 series is an economical and reliable network storage product. Hikvision network storage product creates a network with access to data storage servers, and it integrates Hikvision's unique video direct streaming technology. The system supports third-party cameras such as BOSCH, AXIS, SONY, Samsung, etc., and supports RTSP and ONVIF protocols, and extended data retention. With no recording server needed, Hikvision's network storage systems truly make applications simple, flexible, and budget-friendly.

- High-quality recorder capable of storage and adopts multiple advanced technologies, including direct streaming video and picture technology, VRAID technology etc.
- Modular and no-cable design.
- Support scheduled backup function, allow the configuration of schedule to transfer historical recordings from IPC/NVR/DVR devices to network storage.
- Connectable to encoding devices (IPC/DVR/NVR) using standard stream media protocol such as RTSP, ONVIF etc
- Support multiple recording types, including continuous recording, manual recording, main, sub and third stream recording; motion recording, sensor alarm recording etc.
- Support one-touch quick setting with user friendly B/S interface.
- Adopt ANR technology to ensure data integrity when the network disconnected.

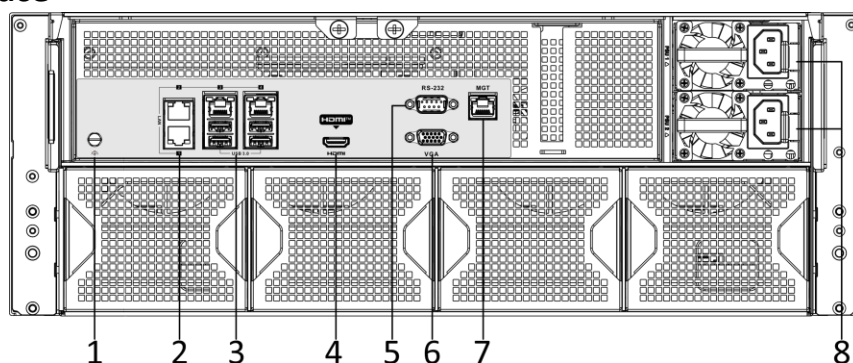
## ▪ Specification

| Network                                     |  |
|---|--|
| Protocol                                    | RTSP, ONVIF, SDK, ISAPI  |
| External interface                          |  |
| 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  |
| Storage                                     |  |
| HDD slot                                    | 24   |
| Interface/capacity                          | SATA/4 TB, 6 TB, 8 TB, 10 TB, 12 TB, 16 TB, 20 TB  |
| Hot-swapping                                | Supported  |
| HDD support                                 | Enterprise Hard Disk   |
| RAID  | RAID 0, 1, 5, 6, 10, 50, VRAID 2.0, Hot-Spare  |
| Hardware                                    |  |
| Structure                                   | Controller Structure   |
| Processor                                   | 64-bit multi-core processor  |
| Cache                                       | 16 GB (extendable to 64 GB)  |
| Storage Management                          |  |
| Disk management                             | Disk inspection, alarm and repair  |
| Logical volume management                   | video and picture pool management  |
| Recording Management                        |  |
| 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   |
| Device Maintenance                          |  |
| Management mode                             | Web-based GUI, serial interface CLI, centralized management of multiple devices (HCP, HCM)   |
| Alarm mode                                  | Sound, light, email, web page  |
| Log downloading                             | Download on web page   |
| HDD   |  |
| HDD Model                                   | Hikvision, DS40HKAI-VX1, 4TB;<br>Hikvision, DS60HKAI-VX1, 6TB;<br>Hikvision, DS80HKAI-VX1, 8TB;<br>Hikvision, DS100HKAI-VX1, 10TB;<br>Hikvision, DS160HKAI-VX1, 16TB;<br>Hikvision, DS200HKAI-VX1, 20TB; |
| Performance Parameter                       |  |
| Recording mode: video (2 Mbps)<br>+ picture | 550-ch (1100Mbps)  |
| Video performance                           | 550-ch (1100Mbps)  |
| External Interface                          |  |
| HDMI  | Rear × 1   |

## General specification

|                         |   |
|-------------------------|---|
| Chassis                 | 4U  |
| Dimension (W × H × D)   | 447 × 175 × 787 mm (17.6 × 6.88 × 30.96 in) |
| Weight (without HDDs)   | ≤ 25kg                                      |
| 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

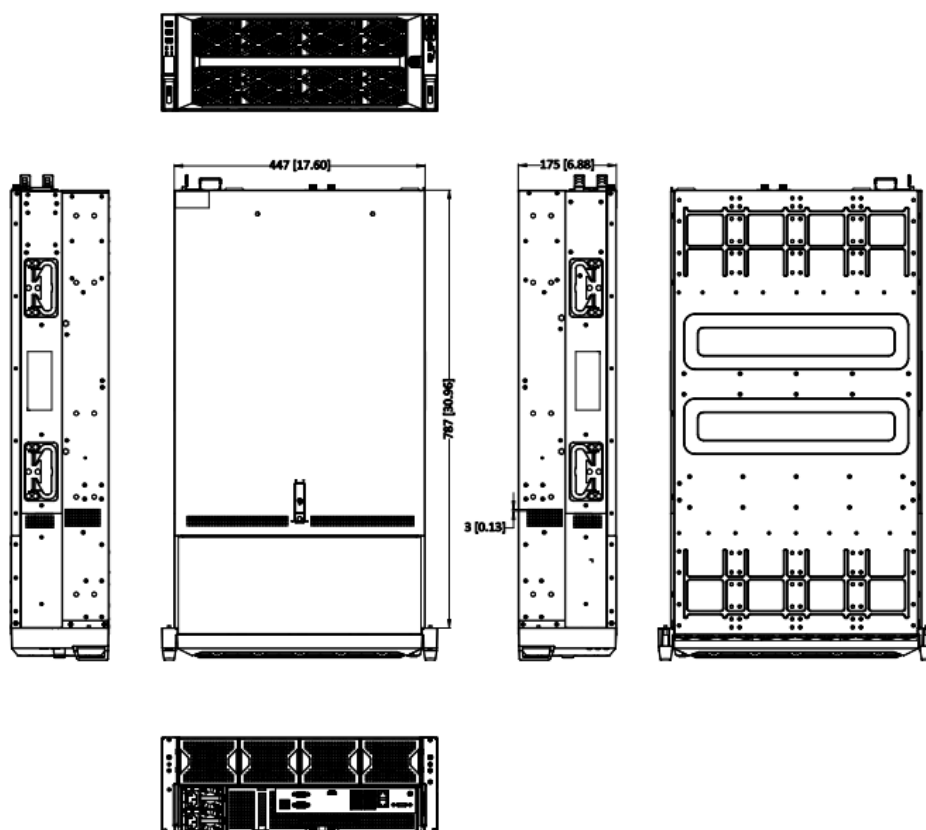


| Number | Description           | Number | Description                  |
|--------|-----------------------|--------|------------------------------|
| 1      | GND                   | 5      | RS-232 interface             |
| 2      | LAN network interface | 6      | VGA interface                |
|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

## Available Model

DS-A80624SI(STD)

## Dimension



Unit:mm [inch]

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

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

