

## **DS-A80648SI** **48-slot Single Controller Storage**



- High-quality recorder capable of storage and adopts multiple advanced technologies, including direct streaming video and picture technology, RAID and VRAID technology etc.
- Modular and no-cabled 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.

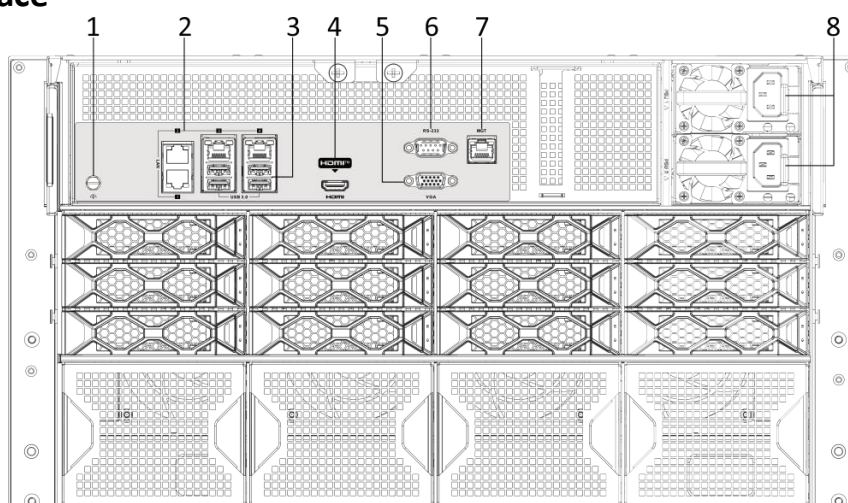
## ▪ Specification

| 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                                    | 48                                                                                                                                                                                                       |
| 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                 | 6U                                            |
| Dimension (W × H × D)   | 447 × 262.1 × 787 mm (17.6 × 10.3 × 30.96 in) |
| Weight (without HDDs)   | ≤ 64kg                                        |
| Power Module            | Redundant 1200W                               |
| Rated power consumption | Working: ≤ 1005W                              |
| Working humidity        | 20% to 80%RH (non-condensing/frozen)          |
| Storage humidity        | 5% to 90%RH (non-condensing/frozen)           |

## Physical Interface

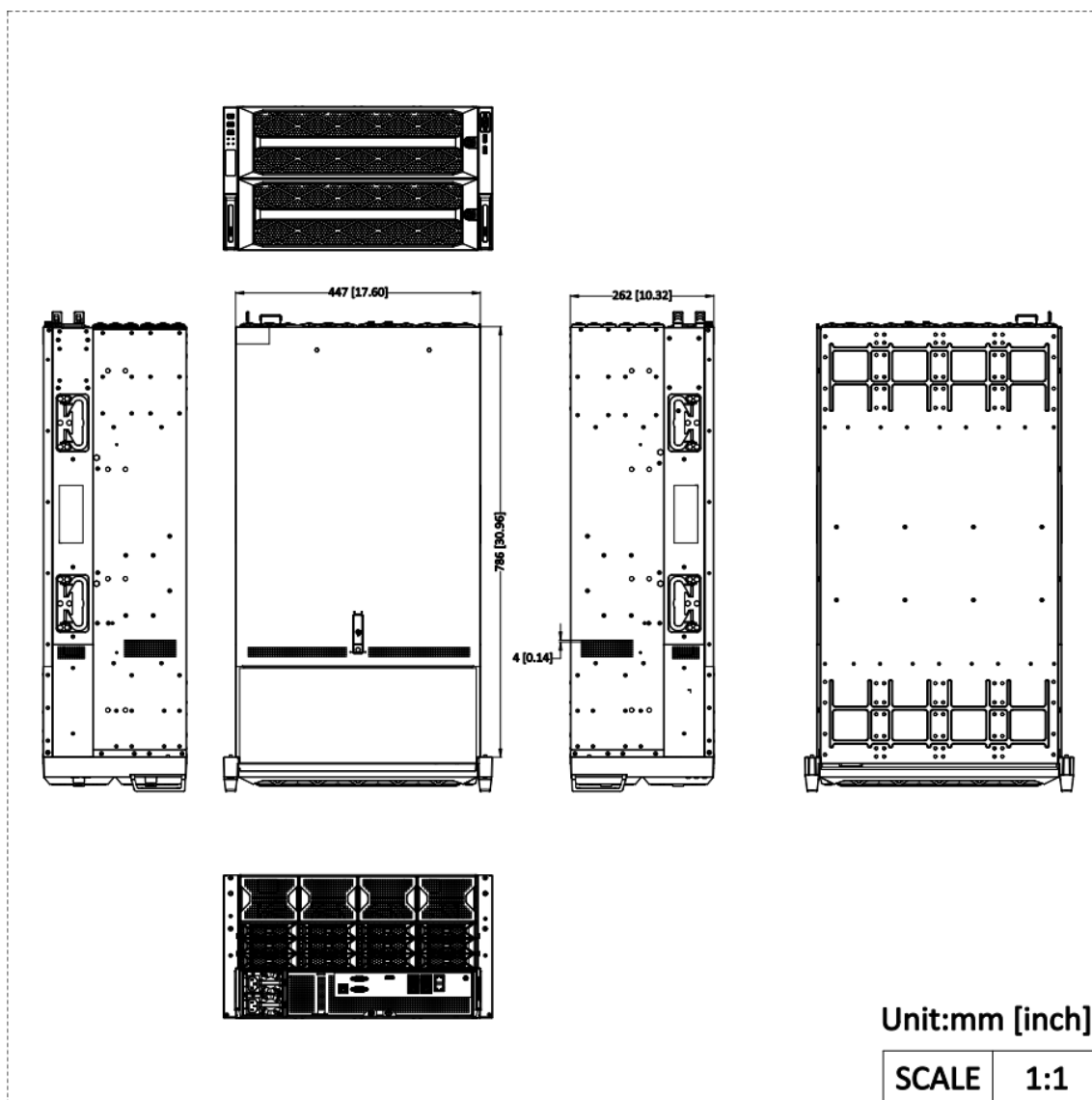


| Number | Description           | Number | Description                  |
|--------|-----------------------|--------|------------------------------|
| 1      | GND                   | 5      | VGA interface                |
| 2      | LAN network interface | 6      | RS-232 interface             |
|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

## Available Model

DS-A80648SI(STD)

## Dimension



# See Far, Go Further



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