

DS-A81016S/128



- Economical and Stable Hardware Platform
- HDD detection and repair/RAID optimization
- Surveillance-specialized direct storage (Direct Streaming mode+IP SAN mode)
- Advanced data protection (synchronous backup of key information in system disks)
- Energy efficient and user-friendly UI



▪ Specification

| Selection Parameter | |
|---|---|
| Structure | Controller structure |
| Controller | Single controller |
| SATA/SAS | 16 |
| Storage Server | Single CPU storage server |
| Network | |
| Protocol | iSCSI, RTSP, ONVIF, PSIA |
| External interface | |
| USB | 2 |
| Data network interface | 3, 1000M Ethernet interface |
| MiniSAS interface | Supported |
| COM | 1 |
| Alarm interface | 1 |
| HDMI | 2 |
| Management network interface | 1, 1000M Ethernet interface |
| Storage | |
| HDD slot | 16 |
| Interface/capacity | SATA/1TB, 2TB, 3TB, 4TB, 6TB,8TB,10TB,12TB |
| Hot-swapping | Supported |
| HDD support | Single, RAID(Enterprise Hard Disk) |
| RAID | RAID0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-spare |
| Performance | |
| Direct Streaming Mode: video (2 Mbps) + picture | 320-ch recording + playback |
| IPSAN Mode | 180-ch recording + playback |
| Video performance | 320 |
| Picture performance | 320 |
| Hardware | |
| Structure | Single Controller |
| Processor | One controller (64-bit multi-core processor) |
| Cache | 4 GB (extendable to 32 GB) |
| Storage Management | |
| Disk management | Disk inspection, alarm and repair |
| Logical volume management | iSCSI volume, video volume management |
| Recording Management | |
| Recording mode | Timing recording, manual recording, dual-stream recording, alarm recording |
| Video protection | Lock key video, N+1 service protection, ANR, video loss detection and alarm |
| Searching mode | Search by time and event |
| Downloading mode | Quick download, batch download, download by segment, download by merging |
| Device Maintenance | |
| Management mode | Web-based GUI, serial port CLI, centralized management of multiple devices |
| Alarm mode | Sound, light, email, message, web page |
| Log downloading | Download no web page |

HDD

| | |
|-----------|---|
| HDD Model | Seagate,ST12000NM001G,12T; Seagate,ST10000NM001G,10T; Seagate,ST10000NM0086,10T; Seagate,ST10000NM0016,10T; Seagate,ST8000NM0055,8T; Seagate,ST8000NM000A,8T; Seagate,ST6000NM021A,6T; Seagate,ST4000NM000A,4T; Seagate,ST4000NM002A,4T; Seagate,ST2000NM001A,2T; Seagate,ST6000NM0115,6T; Seagate,ST4000NM0035,4T; Seagate,ST3000NM0005,3T; Seagate,ST2000NM0055,2T; WD,HUS726T4TALA6L4,4T; WD,HUS726T6TALE6L4,6T; WD,HUS728T8TALE6L4,8T; WD,HKS726T4TALA-31,4T; WD,HKS726T6TALE-31,6T; WD,HKS728T8TALE-31,8T; WD,HUS726T4TALA6L4-31,4T; WD,HUS726T6TALE6L4-31,6T; WD,HUS728T8TALE6L4-31,8T; WD,HKH721010ALE-31,10T; WD,HKH721212ALE-31,12T; WD,HUH721212ALE-31,12T; TOSHIBA,MG04ACA200N,2T; TOSHIBA,MG04ACA400N,4T; TOSHIBA,MG04ACA600E,6T; TOSHIBA,MG06ACA600E,6T; TOSHIBA,MG06ACA800E,8T; TOSHIBA,MG06ACA10TE,10T; TOSHIBA,MG07ACA12TE,12T; |
|-----------|---|

General

| | |
|-------------------------|--|
| Power supply | Redundant |
| Chassis | 3U (19-inch height) |
| Consumption(with HDDs) | Working: ≤308 W (967 BTU with 16 HDDs) Rated: ≤ 550 W |
| Environment temperature | Working: +5 °C to +40 °C (41 °F to 104 °F) Storing: -20 °C to +70 °C (-4 °F to +158 °F) |
| Humidity | Working: 20% to 80%RH (non-condensing/frozen) Storing: 5% to 90%RH (non-condensing/frozen) |
| Dimensions(W × D × H) | 440 x 132 x 495 mm (17.3 x 5.2 x 19.5 in) |
| Weight (without HDDs) | ≤ 20 Kg (44.1 lb) |

▪ Available Model

DS-A81016S/128,

- **Accessory**
- **Optional**

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Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com