

IDS-T8000-RM(P) iSCSI Server

Linux-embedded iSCSI Storage Expansion Server for DIGIEVER NVR



Key Features

■ N+M iSCSI Storage Expansion Architecture

Large-scale video storage expansion solution with DIGIEVER NVR

- **Cost-effective Storage Expansion Platform**
One iSCSI Server can be assigned for diverse DIGIEVER NVR for video storage
- **Achieve the Highest Storage Utilization**
Up to 5 iSCSI LUNs for DIGIEVER NVR

■ Multi-RAID Storage Management

Define diverse RAID numbers based on the importance of video

- **Multi-RAID Configuration**
Support 2 RAID per iSCSI server;
Maximum 4 RAID with 2 units of DIGIARRAY
- **Fully Utilize HDD Storage**
Freely utilize different size of HDDs on hand
- **Fast and Reliable Storage Expansion for DIGIEVER NVR**
Create extra new RAID volume in few minutes without stopping current recording task
- **Optimized Fault Tolerance Ability**
Increase fault tolerance ability via Multi-RAID Configuration
Eg. RAID5 (HDD x 3) + RAID6 (HDD x 4); Allow 3 HDD failure

■ Optional Redundant Power Supply

Ensure iSCSI Server works sound and safe

- **Hot Swappable Power Supply Unit**
Replace the failed power unit on runtime

■ Superior Storage Capability

Maximum 160TB high storage capacity for long-term video storage

- **80TB High Storage Capacity**
Support up to 10TB HDD
- **Extra Storage Expansion Ability**
Expand extra 80TB storage capacity via DIGIARRAY
- **Diverse RAID Levels**
Support RAID 0 /1 /5 /6 /10 to protect crucial videos
- **Hot Swappable HDD Design**
Replace the failed HDD on runtime
- **S.M.A.R.T HDD Health Monitoring**
Prevent video loss from HDD failure in advance

■ Network Capability and Self-Monitoring

Optimized video streaming and ensure video storage from NVR

- **Diverse Network Applications**
Built-in two LAN port to network settings, including share IP, separate IP and load balance
- **Event & Action Management**
Smart server self-monitoring and instant notification
- **Highly Integrated with UPS Device**
Save important videos firmly and securely for unexpected electrical power lost

Technical Specifications

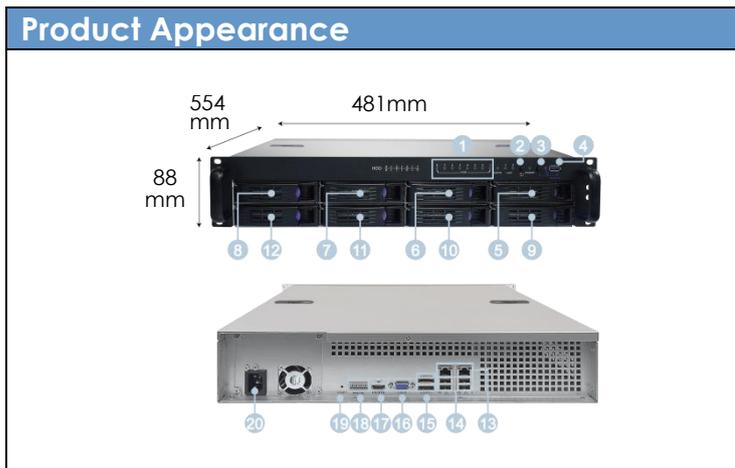
System	
CPU	Intel High Speed CPU
Operating System	Linux-embedded
HDD Tray	8 (Swappable)
Maximum Capacity ¹	Up to 80TB (2.5"/3.5" SATA HDD x 8)
LAN Port ²	Gigabit x 2
USB Connector	USB3.0 x 1 (Front), USB2.0 x 4 (Rear)
GPIO	4-in, 2-out
Video Output Connector	HDMI x1, VGA x1 (for local configuration)
Operating Temperature	0~40°C
Operating Humidity	0~95% R.H.
Power Supply	Input: 100-240V AC, 50/ 60Hz; Output: 300W
Power Consumption	76~84 W (with 8 x 500GB HDD installed in RAID 5 building process)
Certification	CE, FCC, BSMI, VCCI
H/W Dimensions	88.1(H) x 481(W) x 554(D) mm 3.46(H) x 18.9(W) x 21.8(D) inch
Optional	Redundant Power Supply with Hot-plug design

Storage Ability	
Storage Capacity per HDD	Up to 10TB
Maximum Capacity	Up to 80TB (2.5"/3.5" SATA HDD x 16)
Storage Expansion Units	DIGIARRAY x 2
Expansible Storage Capacity with DIGIARRAY	Up to 80TB (up to 40TB per DIGIARRAY)
Maximum Capacity with DIGIARRAY	Up to 160TB
Disk Configuration	Linear(JBOD), RAID0/ 1/ 5/ 6/ 10
Maximum LUN Number	Up to 5 LUNs for DIGIEVER NVR
Multi-RAID Number	Up to 2 volume
Maximum RAID Number	Up to 4 volume with DIGIARRAY
S.M.A.R.T.HDD Health Monitoring	Yes

Event & Action Management	
Self-monitoring	(1) <u>Server Events</u> : Internet connection lost, eSATA connection lost, UPS low power warning, abnormal shutdown, built-in digital input
	(2) <u>Storage Events</u> : RAID Degraded / Failed / Rebuilding
	(3) <u>Hardware Events</u> : CPU temperature, CPU fan, system fan, HDD error, HDD failed, redundant power supply failure
Remote Notification	E-Mail notification, SMS, buzzer alarm, SNMP trap, stack light, User Defined Action(HTTP out), built-in digital output

Network Service	
Two LAN Port Applications	Share IP, Separated IP
Protocol	HTTP, HTTPS, TCP/IP, DHCP, DNS, DDNS, UPnP, NTP, SMTP

Language	
Supported Languages	Bulgarian, Croatian, Czech, Dansk, Deutsch, Dutch, English, Finnish, French, Indonesia, Italian, Japanese, Korean, Hungarian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Tradition Chinese, Simplified Chinese, Vietnamese



1. LED indicators: LAN, eSATA, HDD1, HDD2, HDD3, HDD4, HDD5, HDD6, HDD7, HDD8
2. Power button
3. USB BACKUP button (Reserved)
4. USB 3.0 x 1
5. HDD1
6. HDD2
7. HDD3
8. HDD4
9. HDD5
10. HDD6
11. HDD7
12. HDD8
13. Gigabit LAN x 2
14. USB 2.0 x 4
15. eSATA x 2
16. VGA output
17. HDMI output
18. DI/DO (4 in 2 out)
19. Reset button
20. Power connector

Authorized Dealer:

Note1. The standard system is shipped without HDD.

Note2. User is advised to connect DIGIEVER SCSI iServer with gigabit switch

* All designs and specifications are subject to change without prior notice.