Enterprise-Level Performance at an NVR Platform

DirectIP™ 64 Channel Full HD Real-time Recorder

DR-8364(D)

All the Benefits of DirectIP Systems

- Simple end-to-end system with third party IP camera protocol support
- Plug-and-play with automatic device discovery and configuration
- Real-time configuration with DirectIP
- Little to no latency in live monitoring

World-Top class Performance NVR

- 64 channel @ Full HD Live / Record / Remote
- Total incoming throughput 900Mbps
  (Total 900Mbps / Record 400Mbps / Remote 500Mbps)
- Enhanced expandability up to 24 HDD
  (Eight internal front loading HDDs and four DA-ES1104)

Recorded Video Data with Server Based VMS Levels of Redundancies

- Power supply redundancy
  Redundant power (dual power supply):
  PSU failure covered (DR-8364D)
- Storage level redundancy
  Native RAID 1 / 5 / 10 support: HDD failure covered
- Recording redundancy
  IDIS Smart Failover (recording to SD Card)

Purpose Built System with Security in Mind

- Proprietary protocol provides additional levels of security and supports SSL encryption
- Physically separate camera sub network limit's direct access to the IP cameras
- Implicit camera pairing reduces the complexity of managing authentication information
- iBank Database (DB), a proprietary multimedia database optimized for video surveillance industry application, provides robust and efficient management and storage of multimedia data
- Chained Fingerprint method is used to detect tampering of data from its original form

A Low Total Cost of Ownership

- Providing an enterprise-level performance in a stand-alone NVR platform
- Up to 90% storage savings via IDIS Intelligent Codec with Motion Adaptive Transmission (MAT)
- Low maintenance compared to PC server based VMS
- Free VMS, IDIS Center, with no SMA
  (SW maintenance agreement)
- Small form factor space chassis design (2U)
- Lower power consumption 120W

The Present and Future

- Scalability with IDIS Solution Suite
- Supports up to 12MP camera
- Unparalleled storage capacity (max 24 HDD expansion)

IDIS One Solution. One Company.

DirectIP 8300 Series H.265 4K Recorder
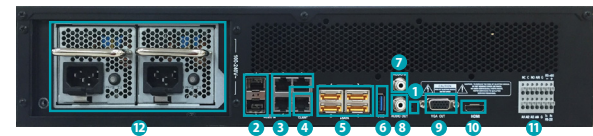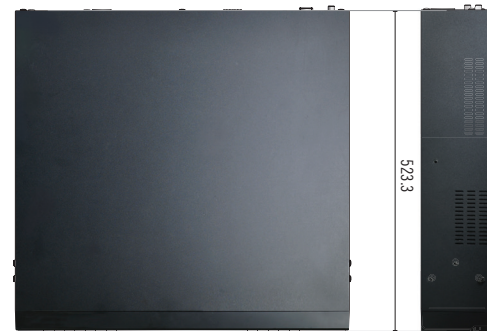
DR-8364D

- Total incoming throughput 900Mbps
- Up to 1920ips Full HD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 1920ips live display
- Easy to install, set-up, and play with DirectIP cameras
- Expandable up to 144TB using eSATA storage
- Supports RAID 1, 5, 10
- Supports Redundant power
- Supports one click network configuration through FEN service
- Supports third-party cameras (Axis, Panasonic, ONVIF)

SPECIFICATIONS

VIDEO	
Video Inputs	64 IP Channels
Max. Incoming Throughput	900Mbps
Supported Camera	DirectIP, Axis, Panasonic, ONVIF
Video Outputs	1 HDMI, 1 VGA
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 1920ips
Digital Zoom	x2 ~ x12
RECORDING	
Max. Throughput	400Mbps, 1920ips @ Full HD 240ips @ 4K (UHD)
Recording Resolution	Up to 12MP (Depending on IP Camera)
Compression	H.265, H.264
Intelligent Codec	Supported
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Audio Detection, Motion Detection, Trip Zone, Tampering, Video Loss
PLAYBACK	
Performance	16ch Full HD Synchronous Playback 4ch 4K Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 8, eSATA x 4, (Up to 6TB Capacity for Each Disk), RAID 1, 5, 10 Supported
Total Capacity	144TB = 6TB x (8 (Internal) + 4 x 4 (External))
NETWORK	
Client Connection	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2
Transmission Speed	400Mbps / 500Mbps (BRP Mode)
Camera Power	-
Remote Data Export	IDIS Player, AVI, JPG
Event Notification	Email (Attach Clip (.cbf) .MP4), Callback to Remote S/W, Push Notification (IDIS Mobile), SNS (Twitter)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
Audio In / Out	Local (NVR) : 1 RCA / 1 RCA + 1 HDMI
	IP Camera : 64 / 64 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 4 / 1
	IP Camera : 64 / 64 (Depending on IP Camera)
Alarm Reset In	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1
User Interface	Mouse, IR Remote Control, Network Remote Keyboard
GENERAL	
Operating System	Embedded Linux
Unit Dimensions (W x H x D)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")
Unit Weight	9.9kg (21.8lb) (Without HDD)
Working Temperature	0°C to 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, 2.0 - 1.0A (REDUNDANT SMPS)
Power Consumption	120W (With 8 HDDs)
Approvals	FCC, UL, CE, CB, KC

DIMENSIONS

(Unit - mm)

482.6

88

523.3

❶ Factory Reset Button
❷ Video In SFP Slots
❸ Video In RJ45
❹ Network Port
❺ eSATA Ports
❻ USB 3.0
❼ Audio In
❽ Audio Out
❾ VGA Out Port
❿ HDMI
⓫ Alarm Connection Ports
⓬ Power In Port

ACCESSORIES (OPTIONAL)

DH-2212PF

DA-ES1104

IDIS HQ
IDIS Tower, 344 Pangyo-ro Bundang-gu, Seongnam-si Gyeonggi-do, 13493 Republic of Korea
T +82 (0)31 723 5400
F +82 (0)31 723 5100
E sales@idisglobal.com

IDIS America
801 Hammond Street Suite 200 Coppell, TX 75019 U.S.A.
T +1 469 444 6538
F +1 469 464 4449
E sales_americas@idisglobal.com

IDIS Europe
1000 Great West Road Brentford, Middlesex TW8 9HH The United Kingdom
T +44 (0)203 657 5678
F +44 (0)203 697 9360
E uksales@idisglobal.com

IDIS Benelux
De Slof 9 5107 RH Dongen The Netherlands
T +31 (0)162 387 247
F +31 (0)162 311 915
E sales@bnl.idisglobal.com

IDIS Middle East
P.O. Box 341037 D-308, DSO HQ Bldg Dubai Silicon Oasis Dubai, U.A.E.
T +971 4 501 5434
F +971 4 501 5436
E sales_mena@idisglobal.com

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For more information, please visit
www.idisglobal.com