DIGIEVER

DS-4200-RM Pro+ Series

Linux-embedded Standalone NVR

4K UHD H/W DECODE

intel inside™

9 CH DS-4209-RM Pro+

Video Recording	
CH No.	Up to 9ch

12 CH DS-4212-RM Pro+

Video Recording	
CH No.	Up to 12ch

16 CH DS-4216-RM Pro+

Video Recording	
CH No.	Up to 16ch

20 CH DS-4220-RM Pro+

Video Recording	
CH No.	Up to 20ch

25 CH DS-4225-RM Pro+

Video Recording	
CH No.	Up to 25ch

32 CH DS-4232-RM Pro+

Video Recording	
CH No.	Up to 32ch

36 CH DS-4236-RM Pro+

Video Recording	
CH No.	Up to 36ch

42 CH DS-4242-RM Pro+

Video Recording	
CH No.	Up to 42ch

49 CH DS-4249-RM Pro+

Video Recording	
CH No.	Up to 49ch

56 CH DS-4256-RM Pro+

Video Recording	
CH No.	Up to 56ch

64 CH DS-4264-RM Pro+

Video Recording	
CH No.	Up to 64ch

Main Features

- ■ Impressive Hardware Decode 4K Ultra HD Performance
- ■ Real-time Liveview Local Display
  - • Dual Display via HDMI/VGA
  - • Liveview Display Modes: 1,4,9,10,12,16,20,25,30,36,42, 49,56,64, 5+1, Full Screen and Sequential Mode
- ■ Real-time Remote Browser Monitoring
  - • Up to 64CH of single server
  - • Liveview Display Modes: 1,4,8,9,10,12,16,20,25,30,36,42, 49,56,64, 5+1/12+1, Full Screen and Sequential Mode
  - • Built-in Mini-CMS server (up to 144CH)
  - • Various Web Browsers in Windows OS
  - • Quick Navigation with Dynamic E-Map
  - • Multi-window Operation
- ■ Excellent Megapixel Real-time Video Recording
  - • Up to 10 Megapixel Recording Resolution
  - • Support 60FPS Camera Recording and Monitoring on Local Display and Remote Browser
- ■ Multi-channel Playback on Remote Browser
  - • Maximum 16-channel Playback Simultaneously
  - • Smart Search

- ■ Up to 72TB Storage Capacity (Up to 6TB per HDD)
  (NVR:24TB + DIGIARRAY Storage Expansion Units: 48TB)
- ■ Powerful Event and Action Management
  - • Detection of Device Connection Lost, External Events and Camera Motion/ IVA
  - • Notification via Liveview Pop-out Window, Email, SMS, Buzzer, and External Devices
- ■ Advanced and Reliable Security System
  - • Reliable Linux Security System
  - • Detailed Complete log Information
  - • Flexible User Privilege Management
- ■ Diverse Backup Methods
  - • Export Files from Remote and Local Playback
  - • Instant Export while Playback on Remote
  - • One Touch USB Backup
  - • Remote Backup to NAS
  - • Cloud Backup to Dropbox
  - • Export File with Free-Installation Video Player
- ■ Monitoring everywhere via iOS and Android Mobile Device

Linux Embedded | HDMI/VGA Local Display | Mini-CMS Server | 6 TB | Hot Swap | MJPEG MPEG-4 H.264 | JBOD RAID 0,1,5,10 | Network Throughput 400Mbps | USB Backup | Remote Backup | Video Encryption | Water Mark | iPhone/Android | 60FPS Cameras H/W Decode Support | Quick Configuration 5 Steps

Dual IP | NVR Recovery | Various Web Browsers | E-Map | Smart Search | User Privilege Management | White List Black List | SMS | E-Mail Notification | Build-in DI/DO | Go to Preset Point | External I/O Box | Buzzer Alarm | External Event | User-Defined Action

Compatible Network Camera Brands and Partners

ACTi · Air Live · AirLink · A-MTK · APPRO · AVTECH · avigilon · AXIS · BASLER · belkin · BlueEyes · BOSCH · Brickcom · Canon · certis · centrix · CP PLUS · CNB · D-Link · dahua · ELMO · ETROVISION · Everfocus · fidus · Genie

GeoVision · GIGAMEDIA · HDPRO · HIKVISION · hIQview · HUNT · HUVIRON · iCanView · IDIS · JVC · KAASKY · LILIN · Linear · iMega · intelbras · LINKSYS · MESSOA · NEXCOM · optimus · Panasonic · PLANET · PROBE · PROFILNET · QIHAN

SAMSUNG · SANYO · SECUREST · SecuFirst · SHANY · SONY · SPRO · SUNELL · Surveon · TAKEX · TANTOS · TESCOM · TOPICA · TriClouds · UDP · viseo · VIVOTEK · YOKO · YUDOR · ZAVIO · 3S

Technical Alliance

asuster · AXIS ADP Program · intel inside™ · Onvif · Seagate · WD

System

Operating System	Linux-embedded
CPU	Intel Dual Core High Performance CPU
HDD Tray	4 (Swappable)
Maximum Capacity	Up to 24TB (2.5"/3.5" SATA HDD x 4)
LAN Port[2]	Gigabit x 2
USB Connector	USB3.0 × 1（Front）、USB2.0 × 4（Rear）
GPIO	4-in, 2-out
Video Output Connector	HDMI x1, VGA x1 (For Dual Display)
Disk Management	Single, JBOD, RAID0, RAID1, RAID5, RAID10
Operating Temperature	0~40℃
Operating Humidity	0~95% R.H.
Security Design	K-Lock security slot for theft prevention
Power Supply	Input: 100-240V AC, 50/ 60Hz, Output: 250W
Power consumption	54~65 W (with 4 x 500GB HDD installed and in RAID 5 building process)
H/W Dimensions	44.1(H) x 481(W) x 661.65(D) mm 1.73(H) x 18.9(W) x 26(D) inch
User Interfaces	(1) Remote Web Browsers: Microsoft® Internet Explorer/ Chrome /Firefox /Opera / Safari in Windows (32-bit) (2) Local display monitoring (3) Mobile App: Android and iOS
Supported Languages	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

Liveview

Liveview Control	PTZ panel, PTZ Patrol, Auto Focus, Digital zoom in/out, Audio, Snapshot, Auto/Manual stream change, Two way audio[6], Panomorph[7]
E-Map[3]	Multi-layer maps, Pop-out event window
Mini-CMS Server Monitoring[3]	Up to144 channels from multiple NVR sites
Liveview Optimization	Smart dual stream auto switch
H/W Decode Max Resolution per Channel	Resolution up to 8MP (4K UHD) per channel (H.264)
H/W Decode Local Display Max. FPS in Single Page	4MP 200FPS/ Full HD 480FPS/ HD 720FPS/ D1 1000FPS (H.264)

Recording

Recording Modes	No recording, Event recording, Schedule recording, Always recording, Audio recording by event , Pre-event and Post-event Recording
HDD Capacity Automatic Recycle	(1) Max. days (2) Total capacity percentage
File format	AVI
Video Format	H.264、MPEG4、MJPEG
Max. Network Throughput[4]	400Mbps

Appearance

662mm / 481mm / 44mm

1. LED indicators: LAN, eSATA, HDD1, HDD2, HDD3, HDD4
2. Power button
3. USB BACKUP button (For auto video backup)
4. USB 3.0 x 1 (Support auto video backup)
5. HDD1
6. HDD2
7. HDD3
8. HDD4
9. Gigabit LAN x 2
10. USB 2.0 x 4
11. eSATA x 2 (reserved)
12. VGA output
13. HDMI output
14. DI/DO (4 in 2 out)
15. Reset button
16. Power connector

Playback

Multi-channel Playback[5]	Maximum 16-channel simultaneously
Recording Types	Normal, Event, Video clip, Recovery and Time overlap
Search Modes	Date, time, channel and recording type
Smart Search	Motion detection, Foreign object detection, Missing object detection, Camera tampering detection, Lose focus
Playback Control	Rewind, Slow motion, Fast forward, Frame by Frame Playback, Panomorph[7], Snapshot
Backup Methods	Export files from remote and local playback, One touch USB backup, Remote backup to NAS, Cloud backup, Instant export while playback videos on remote
Video Player	Installation-free NVRPlayer with multi-channel playback

Event & Action Management

Event Types	Camera connection lost, NVR connection lost, Motion detection, Camera digital input, NVR recording error, built-in digital input and External event (HTTP in)
Action Types	Alert sound, Event log notification, Video pop-out window, Highlight video window, Event recording, E-mail notification, Video clip/ snapshot via E-mail, User defined action (HTTP out), Buzzer alarm, SMS, Go to PTZ preset point, Built-in digital output, External I/O box

Security Management

User Privilege	Administrator, Power user and User
System Log Information	Hardware log, NVR log, Event log, File access log, Current user log and Historical user log
IP Range Access Control	White/Black List to permit or prohibit specific IP address
Timeout Setting	Set up auto timeout period
Advanced Security	Video Watermark and Password on exported video file

Network Service

Protocol	HTTP, HTTPS, TCP/IP, DHCP, DNS, DDNS, UPnP, FTP, NTP, SMTP
File Sharing	Windows networking, FTP service
Built-in Servers	Built-in DHCP/NTP server

Remote Web Browser PC Requirements

OS (32 and 64-bit)	Windows Vista / 7 / 8
CPU	＜16 CH：Intel Dual Core CPU 3.0GHz or above ≧16 CH：Intel i5/i7 CPU 3.3GHz or above
Memory	＜16 CH：DDR3 4G or above ≧16 CH：DDR3 8G or above

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

Note1. The standard system is shipped without HDD.
Note2. User is advised to connect cameras and DIGIEVER NVR with gigabit switch.
Note3. E-Map and Built-in Mini-CMS Server Monitoring is not supported on local display.
Note4. Maximum network throughput is varied in different environment.
Note5. Multi-channel playback on remote web browsers is supported up to 16 channels and multi-channel playback on local display is supported up to 4 channels.
Note6. Camera is needed to support two-way audio and integrated with DIGIEVER NVR. On local site, it is necessary to prepare a USB type external audio sound adapter for connecting speaker/microphone to NVR.
Note7. DIGIEVER NVR supports ACTi, AXIS, VIVOTEK, Immervision Panomorph and fisheye cameras.

Authorized Dealer: