

DS-4200-RM Pro+ Series

Linux-embedded Standalone NVR

















Video Recordina Up to 12ch CH No.

| Video Recording | |
|-----------------|------------|
| CH No. | Up to 16ch |



DS-4220-RM Pro+

DS-4225-RM Pro+ 32

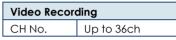
DS-4232-RM Pro+



DS-4236-RM Pro+

| Video Recording | |
|-----------------|------------|
| CH No. | Up to 20ch |

Video Recording CH No. Up to 25ch Video Recording CH No. Up to 32ch





DS-4242-RM Pro+

DS-4249-RM Pro+

DS-4256-RM Pro+



DS-4264-RM Pro+

| Video Recording | |
|-----------------|------------|
| CH No. | Up to 42ch |

| Video Recording | |
|-----------------|------------|
| CH No. | Up to 49ch |



| Video Recording | |
|-----------------|------------|
| CH No. | Up to 64ch |

Main Features

- Impressive Hardware Decode 4K Ultra HD Performance
- Real-time Liveview Local Display
 - Marvelous PC-less Solution: Dual Display or Mirror Display
 - Dewarp up to 5 MP Panomorph IP Cameras
 - Liveview Display Modes: 1,3,4,5,8,9,10,12,16,20,25,30,36, 42,49,56,64, 5+1/12+1, Full Screen and Sequential Mode
- Real-time Remote Browser Monitoring
 - Various Web Browsers on Windows OS
 - Liveview Display Modes: 1,3,4,5,8,9,10,12,16,20,25,30,36, 42,49,56,64, 5+1/12+1, Full Screen and Sequential Mode
 - Built-in Mini-CMS server (up to 256CH)
 - Quick Navigation with Dynamic E-Map
 - Multi-window Operation
- Excellent Megapixel Real-time Video Recording
 - Up to 10 Megapixel Recording Resolution
 - Camera Group Recording:
 - Assign Video Keeping Days for Each Camera
- Support 60FPS Camera Recording and Monitoring
- Multi-channel Playback on Remote Browser
 - Maximum 16-channel Playback Simultaneously
 - Event Instant Playback on Liveview and E-Map
 - Remote Multi-NVR Playback
 - Smart Search
- Monitoring everywhere via iOS and Android Mobile Device

- Multi-volume Storage Management with DIGIARRAY
- Up to 80TB Storage Capacity (Up to 8TB per HDD) (NVR:32TB + DIGIARRAY Storage Expansion Units: 48TB)
- ■S.M.A.R.T HDD Health Monitoring
- 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
 - NVR Failover and System Monitoring
 - Integrated Access Control Server
 - Integrated Modbus Analog I/O-Digital I/O Box Server
 - Integrated IP Video Door Intercom Server
 - Detail 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
- Event Backup to External FTP: Video Clip & Snapshot
- Export File with Free-Installation Video Player



Compatible Network Camera Brands and Partners











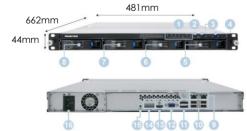
Technical Specifications

| Intel High Performance CPU |
|--|
| Linux-embedded |
| 4 (Swappable) |
| Up to 32TB (2.5"/3.5" SATA HDD x 4) |
| Gigabit x 2 |
| USB3.0 × 1 (Front) · USB2.0 × 4 (Rear) |
| 4-in, 2-out |
| HDMI x1, VGA x1 (For Dual Display) |
| Single, JBOD, RAID0, RAID1, RAID5, RAID10 |
| 0~40°C |
| 0~95% R.H. |
| K-Lock security slot for theft prevention |
| Input: 100-240V AC, 50/ 60Hz, Output: 250W |
| 54~65 W (with 4 x 500GB HDD installed and in |
| RAID 5 building process) |
| CE, FCC, BSMI, VCCI and C-TICK |
| 44.1(H) x 481(W) x 661.65(D) mm |
| 1.73(H) x 18.9(W) x 26(D) inch |
| (1) Local display monitoring/playback/setting |
| (2) Remote Web Browsers: |
| Microsoft® Internet Explorer/ Firefox |
| /Opera / Safari in Windows (32-bit) |
| (3) Mobile App: Android and iOS 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 |
| |

| Liveview | |
|---|--|
| H/W Decode Max | Resolution up to 8MP (4K UHD) per channel |
| Resolution per Channel | (H.264) |
| H/W Decode Local Display | 4MP 200FPS/ Full HD 480FPS/ HD 720FPS/ |
| Max. FPS in Single Page | D1 1000FPS (H.264) |
| Display Capability | Dual display to display different liveview display modes on two monitors, Mirror display to display same liveview display mode on two monitors |
| Liveview Control | PTZ panel, PTZ Patrol, Auto Focus, Digital zoom in/out, Audio, Snapshot, Auto/Manual stream change, Event instant playback, Two way audio ⁶ , Panomorph ⁷ |
| E-Map ³ | Multi-layer maps, Pop-out event window, Event instant playback |
| Mini-CMS Server Monitoring ³ | Up to 256 channels from multiple NVR sites |
| Liveview Optimization | Smart dual stream auto switch |

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

Appearance



- 1. LED indicators: LAN, eSATA, HDD1, HDD2, HDD3, HDD4
- 2. Power button Z
- 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
- 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 |
| Multi-NVR Playback | Remotely playback recording videos up to 16-channel from multiple DIGIEVER NVRs |
| Recording Types | Normal, Event, Video clip, Recovery, Time overlap, Failover (remote), USB device (local) |
| 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, Event backup to external FTP |
| Video Player | Installation-free NVRPlayer with multi-channel playback |

| | moni-charino playback |
|---------------------|---|
| Event & Action Mana | gement |
| Event Types | (1) Camera Events: Connection lost, Connection lost delay, Motion detection, Audio detection, Digital input (2) NVR Events: NVR connection lost, Recording error, UPS low power warning, Storage Threshold warning, Abnormal shutdown, External event (HTTP in), Built-in digital input (3) NVR Hardware Events: CPU temperature warning, CPU fan warning, System fan warning, Redundant power supply failure(Optional) |
| Action Types | Alert sound, Event log history, Video pop-out window, Highlight video window, Event recording, E-Mail notification, Video clip/ snapshot via E-Mail, SMS, Buzzer alarm, Go to pre-set point, Camera digital output, SNMP trap, External IO box, Stack light, Network horn speaker, User-defined action (HTTP out), Backup to External FTP, Built-in digital output |

| Security Managemen | ıt erile |
|--|--|
| User Privilege | Administrator, Power user and User |
| Advanced User Management | Random password sent by Email, Account expiration by assigning a specific date |
| System Log Information | Hardware log, System log, Event log, File access log, Current user log and Historical user log |
| NVR Failover | Monitor up to 4 NVRs in default (Option up to 16 NVRs) |
| Access Control Device Management | Manage up to 4 access control devices in default (Option up to 16 devices) |
| External Modbus Analog I/O-Digital I/O Box | Connect up to 4 Modbus A/IO-D/IO boxes in default (Option up to 16 boxes) |
| 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, IPv6 (for NVR) |
| 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 | <16CH:DDR3 4G or above ≥16CH:DDR3 8G or above |

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

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 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. Moximum 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 dewarping display image of ACTi, AXIS, VIVOTEK, ImmerVision Panomorph and fisheye cameras.

Authorized Dealer: