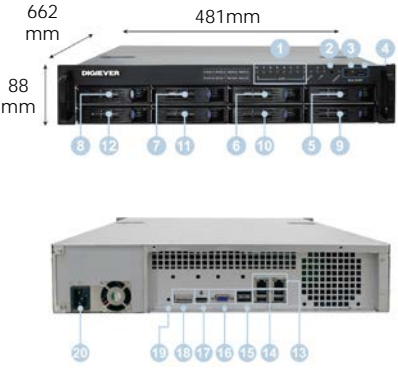


Technical Specifications

| System | |
|------------------------|---|
| Operating System | Linux-embedded |
| CPU | Intel Dual Core High Speed CPU |
| HDD Tray | 8 (Swappable) |
| Maximum Capacity | Up to 48TB (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 Dual Display) |
| Disk Management | Linear(JBOD), RAID0, RAID1, RAID5, RAID10 |
| Operating Temperature | 0~40°C |
| Operating Humidity | 0~95% R.H. |
| Security Design | K-Lock security slot for theft prevention |
| Power Supply | Input: 100-240V AC, 50/ 60Hz, Output: 300W |
| Power consumption | 84 W (with 8 x 500GB HDD installed and in RAID 5 building process) |
| H/W Dimensions | 88.1(H) x 481(W) x 661.65(D) mm 3.46(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 360FPS/ Full HD 900FPS/ HD 1200FPS/ D1 1600FPS (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 | 450Mbps |

| Appearance | |
|--|--|
|  <p>662 mm 481mm 88 mm</p> <p>1. LED indicators: LAN, eSATA, HDD1, HDD2, HDD3, HDD4, HDD5, HDD6, HDD7, HDD8 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. HDD5 10. HDD6 11. HDD7 12. HDD8 13. Gigabit LAN x 2 14. USB 2.0 x 4 15. eSATA x 2 (reserved) 16. VGA output 17. HDMI output 18. DI/DO (4 in 2 out) 19. Reset button 20. Power connector</p> | |

| 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: