

Technical Specifications

System	
Operating System	Linux-embedded
CPU	RISC
HDD Tray	2 (Swappable)
Maximum Capacity ¹	Up to 8TB (2.5"/3.5" SATA HDD x 2)
LAN Port ²	Gigabit x 1
USB Connector	USB2.0 × 3 (Front x 1, Rear x 2)
GPIO	4-in, 2-out
Disk Management	Single, JBOD, RAID0, RAID1
Multi-RAID Number	Up to 2 volume
Operating Temperature	0~40°C
Operating Humidity	0~95% R.H.
Security Design	K-Lock security slot for theft prevention
Power Supply	External power adaptor, 60W Input: 19VDC, 3.42A
Power consumption	15.9~20.8 W (with 2 x 500GB HDD installed and in RAID 1 building process)
Certification	CE, FCC, BSMI, VCCI and C-TICK
H/W Dimensions	246.1(D) x 114.97(W) x 164.94(H) mm 9.69(D) x 4.53(W) x 6.49(H) inch
User Interfaces	(1) Remote Client (2) Mobile App: Android and iOS
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

Liveview	
Liveview Control	PTZ panel, PTZ Patrol, Auto Focus, Digital zoom in/out, Audio, Snapshot, Auto/Manual stream change, Instant playback, ROI, Two way audio ⁷ , Panomorph ⁸
E-Map	Multi-layer Maps, Pop-out Event Window, Event instant playback
Mini-CMS Server Monitoring	Up to 256 channels from multiple NVR sites
Liveview Optimization	Smart dual stream auto switch

Recording	
Max. Network Throughput ⁵	150Mbps
File format	AVI
Video Format	H.265, H.264, MPEG4, MJPEG, MxPEG, Axis Zipstream(H.264)
HDD Capacity Automatic Recycle	(1) Max. days of each camera (2) Total capacity percentage
Recording Modes	No recording, Event recording, Schedule recording, Always recording, Audio recording by event, Pre-event and Post-event recording, Manual recording

Appearance	
	<ol style="list-style-type: none"> LED indicators: LAN, eSATA, HDD1, HDD2 Power button USB BACKUP button (For auto video backup) USB 2.0 x 1 (Support auto video backup) HDD1 HDD2 Gigabit LAN x 1 10. USB 2.0 x 2 eSATA x 2 (reserved) DI/DO (4 in 2 out) Reset button Power connector K-lock security slot

Playback	
Multi-channel Playback	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 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, ROI, Customized watermark
Backup Methods	Export Files on remote and local playback, One touch USB backup, Become NVR backup server, Local backup to DIGIARRAY, Remote backup to NAS, NVR edge backup, Instant export while playback videos on remote, Event backup to external FTP
Video Player	Installation-free NVRPlayer with multi-channel playback

Event & Action Management	
Event Types	<ol style="list-style-type: none"> <u>Camera Events</u>: Connection lost, Connection lost delay, Motion detection, Audio detection, Cross-line detection, Digital input <u>NVR Events</u>: NVR connection lost, UPS low power warning, Storage Threshold warning, Abnormal shutdown, External event (HTTP in), Built-in digital input <u>Storage Event</u>: RAID Degraded/ Rebuilding/ Failed <u>NVR Hardware Events</u>: CPU temperature warning, CPU fan warning, System fan warning, HDD error warning, HDD fail warning
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, External IO box, User-defined action (HTTP out), Backup to external FTP, Stack light, Network horn speaker, Built-in digital output
Chain Event	Precise alarms when multi-events triggered within user-defined time

Security Management	
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
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/ 10
CPU	< 16CH: Intel Dual Core CPU 3.0GHz or above ≥ 16CH: 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.

Note1. The standard system is shipped without HDD.

Note2. User is advised to connect cameras and DIGIEVER NVR with gigabit switch (10/100/1000).

Note3. Maximum network throughput is varied in different environment.

Note4. Camera is needed to support two-way audio and integrated with DIGIEVER NVR.

Note5. DIGIEVER NVR supports dewarping display image of ACTi, AXIS, VIVOTEK, ImmerVision Panomorph and fisheye cameras.