NVR 3 Business

- Maximum Number of Video Devices: 100 (Free License: 32)
- Multi-Browser Support for Lite Web Client
- View Layout up to 225 Channels for workstation (v.3.0.16.70)
- System Monitoring and Notifications
- Workstation, Web Client, Mobile Client
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Software NVR
Maximum Resolution	Support all ACTi cameras in all resolutions
Maximum Number of Video Devices	100
Maximum Number of Clients	Local: 1, Remote: Unlimited, (recommended up to 5)

License

License required	Yes
Free License	32 (32 channels for ACTi and 1 channel for third-party video device)

Live View

Display Layout Mode	IE client: 1, 3, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64 Lite web client: 1, 3, 4, 5, 6, 8, 9, 10, 12, 16 Workstation: 1, 3, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, 81, 100, 121 (11x11), 144 (12x12), 169 (13x13), 196 (14x14), 225 (15x15) ** NVR 3 display grid cells can be merged into different shape and size.
Fisheye Dewarping	Yes
Digital Zoom	Yes

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Event Status	Display event status upon alarm or upon connection loss or recovery between server and client or when the allocated disk space is full
Instant Playback	Instant Playback in live view window
Embedded websites in Live View	No

Map

e-Map	Yes
Google Map	No
Layout	Area maps with camera icons, small live view windows, hyperlinked
Setup	e-Map image upload, camera positioning, vision angle and pointed direction of camera, view positioning, source positioning
PTZ Mode	Mouse PTZ mode to control e-Map video streams

PTZ

PTZ Control	PTZ Control, Speed Control, 32 preset points
Joystick	USB based joystick supported

Video

Compression	H.265, H.264, MPEG-4, MJPEG
Hardware Accelerated Decoding	H.264, H.265
Built-in Analytics	Visual Tracking

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP Client, HTTP, HTTPS, DNS, NTP, RTP, RTSP, SMTP, FTP, ICMP, ARP, UPnP, LDAP (client), iSCSi

Recording

Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Event Speed-up Recording	Yes
Dual Stream Management	Yes
Maximum Recording Throughput	100 channels at 5MP/15fps

Search & Playback

Playback Control	Continuous forward and backward playback with speeds (1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256) or frame-by-frame, pause, stop
Synchronized Playback	up to 225 layout grids**
Recording Search	Search video recordings by time, events, channels, bookmarks and listed as clickable time-based thumbnails for full-size view and snapshot download
Video Export	RAW, AVI, MP4, EXE, GPU Hardware accelerated video export supported with AVI format
Snapshot Export	BMP, JPEG, PNG

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Embedded Media Player	Yes, supports up to 64 channels view

Event

Video Push	No
Event Trigger	[NVR]: Disk full, Disk not found, Disk is available, S.M.A.R.T. Failure and Normal, Schedule service start and stop, Time Backward, CPU limit exceeded for NVR services, GPU Loading Detection for workstation only, Memory limit exceeded for Server PC and NVR services, Network Send/Receive Limit Exceeded for Server PC. [Video Device]: Video motion detection, Passive IR sensor, External device through digital input, Sound detection, Intelligent event detection, Video loss and recovery, Disk Write Failure and Available
Event Response	Pop-up window with live video and event confirmation activation, Switch to hotspot window, Switch to customize view, Command a PTZ device to go to a preset point, Play alert sound, Activate external device through digital output, Execute system command to activate other programs, Upload video or snapshot to FTP server, E-mail notification with snapshots

Redundancy Server

Redundancy Service	Yes, N-to-N, N+1 (With limited functions when NVR 3 server acts as Redundancy server)

System

Permission control	Unlimited number of users, Active Directory, Customizable permissions for user groups, Account lockout, Automatic logout after idle, Playback password protected, Password validity period, Password Expiration Notification
Watchdog	Support
Client PC Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Server Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, PTZ Control, Event/time based search and playback, Supported device(s) iOS, Android device
Language	Multi-Language

Integration

Unified Solution	Fully compatible with ACTi cameras and encoders
CMS Support	No
GPS Position	Manual setting
Edge Recording	Automatically restore the lost videos from the memory card of camera to NVR server via ONVIF (Profile G) or proprietary protocol integrations after network connection recovery.
ONVIF Compliant	Yes, Profile S (contains the officially ONVIF conformant software NVR 3 Business)
Web Browser	IE 11 (Please verify that your computer meets the minimum system requirements for Internet Explorer from Microsoft website.), Lite web client: Microsoft Edge 80.0.361.66 (Normal mode) or newer, Google Chrome 71.0.3578 or newer, Firefox 64.0.2 or newer, Apple Safari 12.0.2 or newer
Third-party Integration	No

Storage

Supported Storage Technology	NAS, SAN

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Interface

Local Access	USB joystick, keyboard & mouse

General

Remote Access	Workstation, Web Client, Mobile Client

** The actual maximum number of channels may vary depending on the server/client PC performance and network throughput.

▶ Ordering Information

LCDP1005	The license is for non-ACTi camera to work on NVR 3 Business, BNR series. Price listed is for single channel add-on license.
LNVR3005	The license is for channel (ACTi video devices) to work on NVR 3 Business, BNR series. Price listed is for a single channel add-on license.

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