

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## Release Version v8.7.3

### Bug fixed

- [Mainconsole] In Tab Log Recycle of Storage Setting, add an option "Keep display data with bookmark for 180 days" to avoid IvsRecord.db and MdxRecord.db filling up Windows C: drive.
- [Mainconsole] Solve a crash bug when reading IVS error message on startup.
- [LiveView] Solve a memory-leak problem on failed live-view connection.

## Supported Device Pack

Device Pack v22.7.0.30

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## Release Version v8.7.2

### Feature

- [Mainconsole] Support external RESTful API.
- [Mainconsole] Support up to 128 metadata devices.
- [Mainconsole] Metadata transaction is attached in notification E-Mail of SmartGuard.
- [Mainconsole] Support Metadata Extension.

### Bug fixed

- [LiveViewer] Auto re-login is failed when user password is changed.
- [Playback] Unable to play 2<sup>nd</sup> stream video in some situations.
- [Mainconsole] Metadata transaction exceeding 32KB is wrongly truncated.
- [Mainconsole] Error message "Failed to create back surface" will disappear.

## Supported Device Pack

Device Pack v22.3.0.99

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## Release Version v8.7.1

### Feature

- [Playback] Improve performance in fast-forward playback.

### Bug fixed

- [Mainconsole] Update CPU loading calculation function.
- [Mainconsole] Fix a crash bug due to unsupported codec header.
- [Mainconsole] Fix a crash bug due to unhandled exception.
- [Device Pack] Update Device Pack for solving some edge record issues.

## Supported Device Pack

Device Pack v21.8.0.8

# Mainconsole

Release Note v8.7.3 (2022/09/27)

## Release Version v8.7.0

### Feature

- [Playback] Support multiple selection on cameras in Date Time Search Dialog.

### Bug fixed

- [Mainconsole] TCP Receiver Client may fail to receive metadata when network connection is once broken and then recovered.
- [Mainconsole] Plug-in ACTCPClient and LPRTCPClient may fail to receive metadata when network connection is once broken and then recovered.
- [Mainconsole] Some SmartGuard actions with snapshots, such as FTP/E-Mail/Send-to-CMS, may not be triggered properly.
- [Mainconsole] Solve NVIDIA Quadro P620 compatibility issue.
- [Mainconsole] Instant Playback may fail when login as a user account which does not have all device's access privilege granted.
- [Mainconsole] IVS settings may be lost when upgrading Mainconsole from version 7.8 (inclusive) to newer version.
- [Mainconsole] Solve a bug in applying settings when configuring User Define region in Metadata Application.
- [Mainconsole] SmartGuard On-Screen Display text may not be displayed properly when the text is too long.
- [Mainconsole] Connecting a camera with audio via RTSP service may fail.
- [Mainconsole] When using x64 version of Mainconsole, running Auto-Backup to FTP takes too much time and may be failed.
- [Playback] In Smart Search, generate one search result every 10 seconds when there is continuous motion in video.
- [LiveViewer] Fix invalid On-Screen-Display text in some specific languages.
- [LiveViewer] SmartGuard On-Screen-Display text may fail to display after starting to connect camera.
- [LiveViewer] It may crash when logout LiveViewer.

### Supported Device Pack

Device Pack v21.8.0.23

# Mainconsole

Release Note v8.7.3 (2022/09/27)

## Release Version v8.6.0

### Feature

- [Playback] Support exporting AVI(MPEG4)

### Bug fixed

- [Mainconsole] Fix timestamp of recorded video file if timestamp from ip camera is incorrect.
- [Mainconsole] Fix timestamp when entering Summer Time (for example, at AM2:00 on last Sunday of March in European timezone).
- [Mainconsole] The snapshot attachment in E-Mail may be empty when running SmartGuard.
- [Mainconsole] Name of metadata source may lost when editing metadata source.
- [Mainconsole] When executing Auto-backup, FTP operation is failed if the target NAS is Linux-Based.
- [Mainconsole] IVS setting change may not be properly applied.
- [Mainconsole] Primary View Setting may disappear when selecting "Fix Aspect Ratio".
- [Mainconsole] Audio may lost when using Audio Redirection in Mainconsole Hybrid version with 7000 series capture cards.
- [Mainconsole] Record-on-motion may fail when Mainconsole starts up.
- [Playback] In Date Time Search Dialog, when selecting some channels, the Video Preview may show another wrong channel.
- [Playback] When start playing video, an error message may popup: "The connection is terminated or timeout".
- [Playback] OSD is missing when using "Search Mode".
- [Playback] Camera name is missing when using "Select Folder" in Date Time Search Dialog.
- [Remote Live Viewer] When enable checkbox "Auto Re-connect Cameras" and press OK, this setting is not applied.
- [Remote Live Viewer] Manually cancelling an event may not work properly.

## Supported Device Pack

Device Pack v21.2

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## Release Version v8.5.0

### Feature

- Support new I/O Box A10.
- Add Snapshot Icon in Mainconsole and Remote Liveviewer to trigger a snapshot.

### Bug fixed

- Audio was flickered when using boosting record.
- Playback.exe crashed when selecting video in DateTime Search Dialog.
- RTSP service performance is improved.
- Mainconsole.exe/LiveViewer.exe/Playback.exe crashed when running on some particular screen resolutions.
- Recording disk auto balance algorithm is improved.
- Talk function was not working in Remote Liveviewer.
- Running metadata search caused memory leak in Liveview.exe/Playback.exe/Backup.exe

## Supported Device Pack

Device Pack v20.1

## Release Version v8.0.0

### Feature

- New black interface.

### Bug fixed

- Update all rights reserved announcement.
- Exit the preview settings page main window will be covered by other windows
- Remote Live view can't move pan and tilt when click right button of the mouse to enable PTZ function.
- Volume control is not available on the web page.
- In playback Screen viewing the Date/Time Search Window, black lines are appearing on the timeline when moving the mouse around.

### Supported Device Pack

Device Pack v18.7

## Release Version v7.10.0

### Enhancement

- Enhancement Some internal displays cannot be used
- Enhancement Decode performance.

### Bugs Fixed

- Fix bug of can't display Sunell fisheye camera.
- Fix memory leak issue.
- Fix bug of always show disconnect message when restart Remote live viewer
- Fix report service counting display issue.
- Fix bug of IVS Motion detection time error.
- Fix bug of IVS counting error of dialog.
- Fix bug of Mainconsole crash when play RTSP stream via VLC.
- Fix bug of Mainconsole crash when audio too many.
- Fix bug of Mainconsole random crash when close.
- Fix bug of dialog url not aligned problem

### Supported Device Pack

Device Pack v18.7



## Release Version v7.9.0

### New Features

- Add "Enable key frame mode" in playback fast-forward
- Live viewer support auto re-connect.
- Web Client and Report Service support https.
- Auto select camera channel and time period as latest playback view.

### Enhancement

- Keep frame buffer up to 5000ms.

### Bugs Fixed

- Metadata search in Remote Live/Playback can't find data.
- Japanese language display issue.
- Can't close warning message window when delete camera device.
- MainConsole random crash when add multiple cameras with audio.
- Dialog flickering when datetime search.
- Playback crash when select same folder path twice in "Select Folder".

### Supported Device Pack

Device Pack v18.7

## Release Version v7.8.0

### New Features

- Add 256 preset point function.
- Add Audio redirection function.

### Enhancement

- Update all the language files.
- Add version info.
- Tweak the UI layout of the Metadata Plugin.
- Update DiagnosticService version to 3.3.0.2.
- Update JPN language pack for Web Client

### Bugs Fixed

- Error message from "Error: No COM port can be found." to "Error: No COM port can be found."
- Recording break issue.
- Can't add new account in Address Book.
- Mainconsole crash when click OK on the ScheduleConfigDlg under Turkish.

### Supported Device Pack

Device Pack v18.9

## **Release Version v7.7.0**

### **New Features**

- Add Remote Desktop Service back.

### **Enhancement**

- Change both system log and event log default keeping day to 90 days.

### **Bugs Fixed**

- Double click should not change layout when the layout is forced to be 1x1.
- E-Map review issue.
- Playback crash issue.

### **Supported Device Pack**

Device Pack v18.7

## **Release Version v7.6.1**

### **Bugs Fixed**

- Playback crash issue.

### **Supported Device Pack**

Device Pack v18.7

## Release Version v7.6.0

### Bugs Fixed

- Record overlap or gap issue.

### Supported Device Pack

Device Pack v18.6

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## **Release Version v7.5.2**

### **Bugs Fixed**

- Mainconsole fail to save recording schedule change after restart.
- Mainconsole crash issue
- HH2 version channel OSD display issue

### **Supported Device Pack**

Device Pack v18.6

## **Release Version v7.5.0**

### **New Features**

- Export encrypted user privilege for GDPR compliance.
- Signal lost notification on certain stream(s) of one channel.

### **Enhancement**

- Registry protection

### **Bugs Fixed**

- E-map preview issue

### **Supported Device Pack**

Device Pack v18.5

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## **Release Version v7.4.0**

### **New Features**

- Continuous focus support

### **Enhancement**

- Web Client vulnerabilities

### **Bugs Fixed**

- Report Service snapshot can't be displayed.
- Log Viewer of 64-bit version Mainconsole crashes.
- E-map of LiveView & Web LiveView crashes without administrator privilege.
- Mainconsole doesn't detect DI disconnection events.

### **Supported Device Pack**

Device Pack v18.4



# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## **Release Version v7.3.0**

### **New Features**

- 128 channels support
- Display 32-bit or 64-bit in the Mainconsole About dialog

### **Enhancement**

- LiveView and Playback can be executed by non-system administrators
- LiveView and Playback now get the default language from xml instead of registry
- Update the copyright(2004-2018) of all programs

### **Bugs Fixed**

- Fix the issue that users cannot select dates beyond the current month
- Fix Compound Event setting issue
- Fix Mainconsole crash issue
- Fix LiveView "Stop sound alert after n sec" does not work
- When Mainconsole "runs as a Windows service", it should start the version (32bit or 64bit) launched by the user.

### **Supported Device Pack**

Device Pack v18.2

## Release Version v7.2.0

### New Features

- LiveView support export/import server list
- LiveView support export/import server group list
- LiveView add Set Default Profile Setting function

### Enhancement

- Upgrade storage group error message

### Bugs Fixed

- Fix 32/64-bit onguard issue
- Fix storage location number issue
- Fix IVS configurations disappear after restarting Mainconsole if the configurations contain strings which are not encoded in ASCII
- Fix audio encode to G726 will have noise

### Supported Device Pack

Device Pack v5.15

## Release Version v7.1.0

### Enhancement

- Add silent model support on client pack
- Add channel filter support on playback
- Enable record audio by default for recording schedule
- Delete multiple cameras by multiple selection

### Bugs Fixed

- Fix Main Console Hebrew OSD display problem
- Fix IVS Presence display issue
- Fix Diagnostic x64 version dump collection
- Fix display name of the ONVIF camera search
- Fix repeated settings will make Nuface fail to get the data
- Fix Tag Filter issue

### Supported Device Pack

Device Pack v5.12

# Mainconsole

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Release Note v8.7.3 (2022/09/27)

## Release Version v7.0.0

### Enhancement

- Upgrade Mainconsole and Failover to 64 bit version
- Support Windows 10
- Support 4K2K resolution monitor
- Support historical logs of remote access
- Support silent install when install Mainconsole
- Add "Remote Access" support and remove remote desktop
- Add "Lock System" feature on Remote Live Viewer

### Note:

- Remove dongle support
- Do not support IP Bridge on 64bit Mainconsole
- Remove EverFocus access control on 64bit Mainconsole
- Mainconsole hybrid only support 32bit version
- Independent graphic card is needed to support Mainconsole 7.0

## Supported Device Pack

Device Pack v5.5

## Release Version v6.11.0

### New Features

- Support G.265

### Bugs Fixed

- Fix the issue of DI that could not be closed.
- Fix Liveviewer did not show event message on screen when live view switch layout to 1x1
- Fix side-by-side error occurs to backedup playback.
- Fix Playback.exe and other dlls are not included in the backup directory.
- Fix Playback out of sync when network is slow.
- Fix general motion events triggered without any motion occurred when entering a schedule interval.
- Fix after setting twice, Mainconsole will not be able to receive Nuface data.

### Supported Device Pack

Device Pack v5.9

## Release Version v6.10.0

### Bugs Fixed

- Fix Window Active Directory user can not see failover record video when using Playback
- Fix Mainconsole crash when Remote Playback connected
- Fix msad user with dual password, will fail to remote login playback, live view and backup ap
- Fix Text on Event Action Screen will not show when multi event happened
- Renew language of Simple Chinese
- Fix Compund event schedule malfunction
- Fix Color tag of Event in Date Time Search Dialog will not save setting

### Supported Device Pack

Device Pack v5.2

## **Release Version v6.9.0**

### **Enhancement**

- Compound Event support Push Notification event

### **Bugs Fixed**

- Fix compound event related issue
- Fix MC pop up already running issue in restart status
- Fix Metadata information fail to display in User Defined area

### **Supported Device Pack**

Device Pack v5.2

## **Release Version v6.8.0**

### **Bugs Fixed**

- Fix Mainconsole remote live viewer pop-up issue
- Fix MC IVS Reporting Negative counts
- Fix Compound Event renamed leads to event trigger fail.
- Fix Auto-backup fail issue

### **Supported Device Pack**

Device Pack v5.1



## **Release Version v6.7.0**

### **Bugs Fixed**

- Fix no device shows on web client, and cannot generate reports
- Fix Metadata OSD on live view does not synchronize with it on playback
- Fix All Event list vanish if any event are deleted

### **Supported Device Pack**

Device Pack v4.16

## Release Version v6.6.0

### Bugs Fixed

- Fix Axis Edge Record malfunction
- Fix IVS setting configuration disappear

### Supported Device Pack

Device Pack v4.16

## Release Version v6.4.0

### Enhancement

- Support Interconnect with Nuclient 3.2.0.
- New event added "Lost Record Detection"
- Multiple grip 2 x 2 or above default to "normal stream."

### Bugs Fixed

- Fix remote client 6.3 crash issue, which was triggered by connecting 6.3 client with older version Mainconsole server.
- Fix IVS Counting issue.
- Fix recording overlap abnormally.
- Fix IVS false alarm issue that was triggered by Digital Input.
- Fix drag and drop issue on playback dewarp
- Fix Gmail issue that cannot send email from Mainconsole by Gmail service
- Fix report service issue that Sunday data will miss by using auto-send weekly report.

### Supported Device Pack

Device Pack v4.13

### Known Issue

- Lost Record Detection Event does not support on CMS and Mobile Client.

## Release Version v6.3.0

### Enhancement

- Support PTZ Idle Handling in Remoter Live Viewer and NCS Client
- Support License Management Tool in UAC mode
- Support IVS counter decrement data display in Web Client Report Service

### Bugs Fixed

- Fix License Management Tool offline activation unable to function normally
- Fix Remote Live Viewer unable to instant playback
- Fix Remote Live Viewer unable to display IVS result
- Fix Generic camera unable to do PTZ
- Fix Vivotek camera connection issue
- Revise IVS transfer license message

### Supported Device Pack

- Device Pack v4.10

## Release Version v6.2.0

### Enhancement

- Modify low disk space notification threshold: Notify users if any of a HDD's free disk space has dropped below 1000 MB
- Modify recording mechanism: write in a video file in every 5 minutes or 200 MB
- Revise wording using in License Management Tool

### Bugs Fixed

- Fix recording occasionally discontinuity issue
- Fix ID which SCB-A08 used to "Address: 01" only
- Fix web playback unable to switch to full screen mode
- Fix changing stream profile will lead to default Fisheye Dewarp image position

### Supported Device Pack

- Device Pack v4.9

### Notice

- For clients using **Web Client Report Service**, downgrading to any previous version will lead to **data compatibility issues**.

## Release Version v6.1.2

### Bugs Fixed

- Fix playback performance to play back more fluently high resolution videos
- Fix Remote Live Viewer cannot download newer version from Mainconsole server
- Fix Remote Live Viewer cannot pop-up event OSD when first login
- Fix Remote Live Viewer virtual memory rising when connecting to Mainconsole server
- Fix ONVIF cameras cannot get audio issue
- Fix missing recording data in playback when record on event
- Fix pre-recording issue

### Supported Device Pack

- Device Pack v4.7

### Notice

- **Mainconsole (CT-8000IP included) stops supporting CT-8000ES as external storage temporarily until update in future release**

# Mainconsole

Release Note v8.7.3 (2022/09/27)

## Release Version v6.1.1 (2015/11/05)

### Enhancement

- Support new metadata type: "Nu-connection" with source: "NuFace"
- Enhance H.265 decode performance
- Support export IVS Display (zone, line, counter and blobs etc.) in Live View for Playback, Backup and Auto Backup (blobs is excluded)
- Support Backup System, Playback System and Remote Live Viewer to add server via Eznuuo ID
- Support separate metadata storage path to secure transaction data security
- Web Client support embedding server username and password in URL to login directly
  - A. For Live view: (Server IP and Port Number please refer to network service)  
<http://10.0.11.74:8080/www/liveview-htmllskin/LiveView.html?user=admin&password=12345>
  - B. For Play back: (Server IP and Port Number please refer to network service)  
<http://10.0.11.74:8080/www/playback-htmllskin/playback.html?user=admin&password=12345>
- Remote Live Viewer support live view buffer time for smooth live view experience, and for now the above camera models support this function: (In alphabetical order)
  - A. Hikvision: Generic Series
  - B. Samsung:

SND-5080/F	SNO-5080R	SNV-5080R	SNV-5080	SNB-3002	SNV-3082
SND-3082/F	SNB-1000	SNO-7080R	SPE-400	SNB-7002	SNO-7082R
SND-6083	SNB-6003	SNB-6004	SND-6084	SND-6084R	SNO-6084R
SNO-6084	SNV-6084	SNP-5300	SNP-6200RH	SNF-7010V	SNB-5004
SND-5084	SNV-5084	SND-5083	SNV-6012M	SND-6011R	SNO-6011R
  - C. Vivotek: 7000& 8000 Series
- Support Remote Live Viewer to turn off Mainconsole alarm in Event Report
- New version notification in UI to turn on/off notification

### Bugs Fixed

- Fix playback performance issue to play back high resolution video
- Fix Dynacolor camera disconnection issue

### Supported Device Pack

- Device Pack v4.6

## Release Version v6.0.5 (2015/08/26)

### Bugs Fixed& Enhancement

- A. Fix error "Cannot create XMLDOMDocument Install MSXML6.0"
- B. Fix Device pack information error on Windows OS 2008
- C. Upgrade device pack from v4.3 to v4.4

### Supported Device Pack

- Device Pack v4.4



## Release Version v6.0 (2015/08/11)

### New Features

- New Web Client support Report Service for Counting Result and Heat Map
- RTSP Streaming for Easy Integration.
- \*Support H.265 Decode
- \*Essential IP Camera Configuration on Server
- \*Support 4 Types of Edge IVS Event (motion, tampering, tripwire, and perimeter detection)  
\*Please refer DP 4.3 for supported brand and model

### Enhancement

- Camera search is able to detect camera model as ONVIF and vendor model
- System Log for Unstable Throughput
- Support system configure auto backup before version upgrade
- Support one on one CT-8000IP with CT-8000ES as External Storage without building RAID 5

### Bugs Fixed

- Fix failover server cannot connect Mainconsole (in run as service mode) under certain condition
- Fix auto backup video to ftp fail to complete
- Fix Dewarp mode cannot keep after Mainconsole restart
- Fix send snapshot to ftp malfunction under some condition
- Fix compatibility issue on recording data between previous and latest Mainconsole
- Fix Remote Live Viewer to display correct bitrate

### Supported Device Pack

- Device Pack v4.3

## Release Version v5.2 (2015/03/31)

### New Features

- Help Manager
- Diagnostic Service
- IVS Motion Scramble on Live View
- Backup / Export Video Encryption
- Run as Windows Service

### Enhancement

- Display ONVIF Model when Search
- Stream Profile Privilege Control
- Server List Import Export
- Auto backup update, support new format: .avi; support new target: FTP
- Update Soyal Access Control Integration to support digital input information

### Bugs Fixed

- Fixed stable issue when remote playback conduct log search
- Fixed issue that MSAD account fails to login local machine on Playback System and Backup System
- Fix issue that auto backup may not retry correctly
- Fix issue that recording schedule may not be applied correctly
- Fix issue that Remote Live Viewer may not show correct channel when event pop up
- Fix issue the bit rate values is incorrect on remote live viewer

### Supported Device Pack

- Device pack v3.13