EasyTool

User Manual

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Revision history

The revision history records each document update. The latest version incorporates all updates from previous versions.

V1.1 (2026-01-16)

New functions added to section 2.4.1.6, Buttons below the device list.

New functions added to section 2.4.2.2, Right-click menu.

V1.0 (2025-06-13)

Redesigned interface layout and added commonly used functions.

Contents

1. Product overview 4
2. Running and using EasyTool 4
2.1. Installation 4
2.2. Portable operation 4
2.3. EasyTool cloud update 5
2.4. Functions 6
2.4.1. Main interface functions 6
2.4.1.1. Main window 6
2.4.1.2. Username and password 6
2.4.1.3. Device list 6
2.4.1.4. Buttons above the device list 6
2.4.1.5. Right-click menu functions 6
2.4.1.6. Buttons below the device list 9
2.4.2. Video preview 16
2.4.2.1. Interface functions 16
2.4.2.2. Right-click menu 18
2.4.3. Device configuration 20

1. Product overview

EasyTool is PC software for small network video surveillance systems. It provides batch operations, video preview and device configuration.

This manual may contain technical inaccuracies. Its contents will be updated periodically without prior notice. Updates will be included in later editions of the manual. The products described in this manual may also be improved or updated at any time.

2. Running and using EasyTool

2.1. Installation

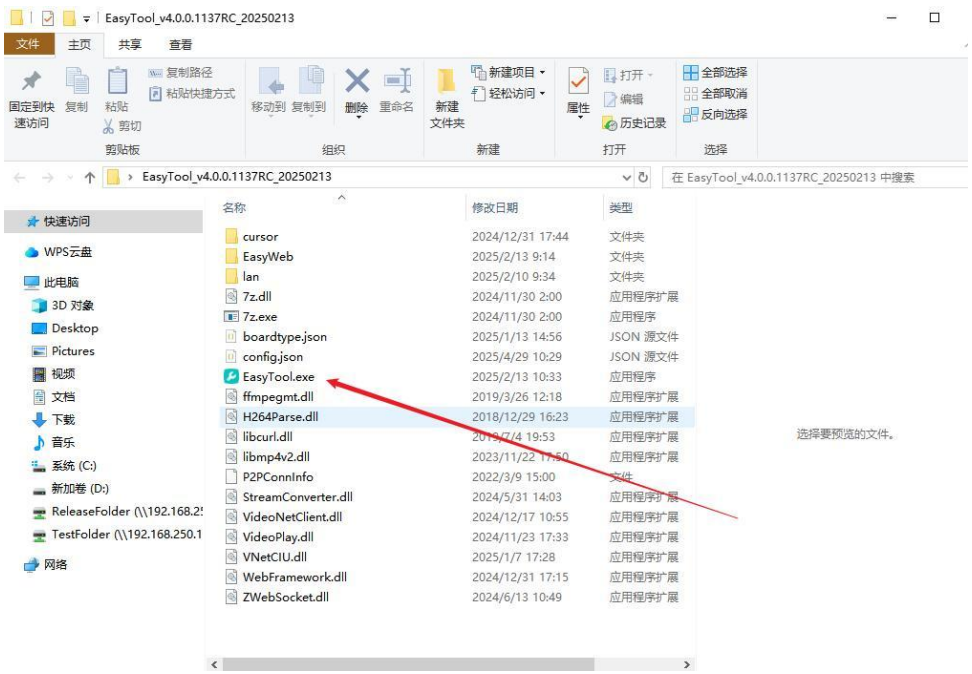
Locate the EasyTool installer in the software directory and double-click it to install the software. Run EasyTool after installation is complete.

2.2. Portable operation

Extract the portable package archive and run EasyTool.exe in the extracted folder, as shown in the illustration.

Original software screenshots (Chinese interface)





Running EasyTool

After EasyTool starts, the main interface appears as illustrated below.

2.3. EasyTool cloud update

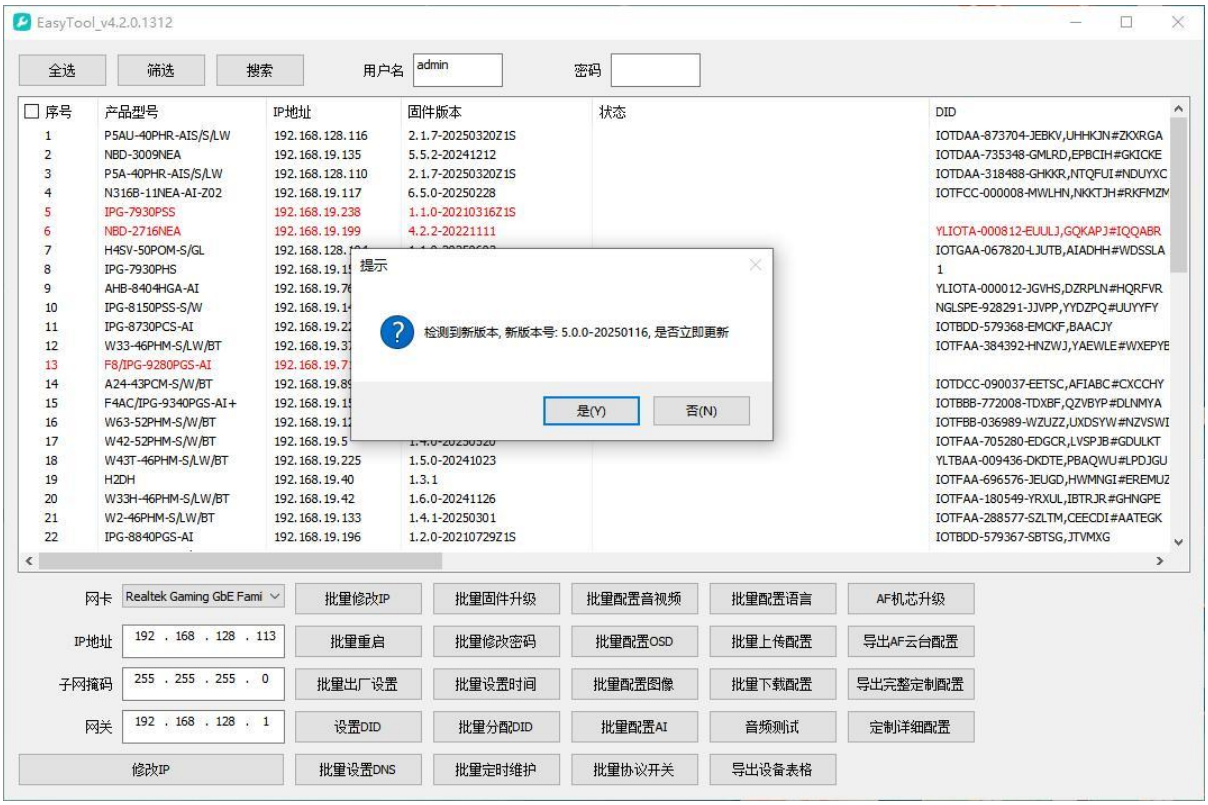
When EasyTool detects a new version after startup, an update prompt appears as illustrated below.

Click No to skip the update.

Click Yes to download the installer. EasyTool is updated when installation is complete.

Original software screenshots (Chinese interface)





2.4. Functions

2.4.1. Main interface functions

2.4.1.1. Main window

The main window opens maximized by default. It can be resized, subject to a minimum size. After a normal exit, EasyTool remembers the last window size for the next launch.

2.4.1.2. Username and password

The default username is admin and the password is empty. Enter the device's correct username and password before operating it. After a normal exit, EasyTool remembers the last username and password for the next launch.

2.4.1.3. Device list

1. Display: continuously detects all online devices on the computer's LAN and lists them. Columns include product model, IP address, firmware version, status, DID, cloud service, subnet mask, gateway, channels, adaptive IP, DHCP, MAC, serial number, HTTP port, customer code, uptime, Wi-Fi connection, Wi-Fi SSID, Wi-Fi signal and TF card. Status mainly shows the operation in progress and the device's current response.

2. Sorting: click a column heading to sort by that field.

3. Column order: drag a heading left or right to rearrange columns. The order is remembered after a normal exit.

4. Column width: drag the left or right edge of a heading to resize the column. Widths are remembered after a normal exit.

5. Font color: red indicates an unauthorized device or an IP address conflict.

6. Double-click preview: double-click a device to open video from all its channels.

2.4.1.4. Buttons above the device list

1. Select all: selects every device in the list.

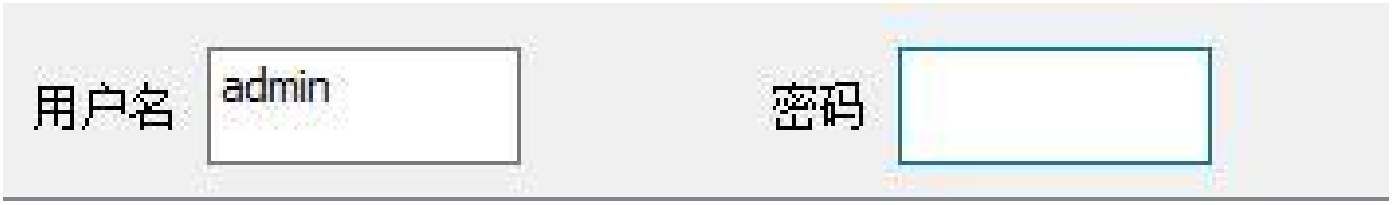
2. Filter: selects matching devices by model or product.

3. Search: searches the LAN again for all online devices and refreshes the list.

2.4.1.5. Right-click menu functions

Right-click in the device list to open the context menu illustrated below.

Original software screenshots (Chinese interface)



Right-click menu functions (continued)

1. Select all of the same model: selects devices matching the model of the device under the right-click pointer. If multiple devices are selected, only that device's model is used.

2. Video preview:

(1) For one selected single-channel device, right-click > Video preview opens its video directly.

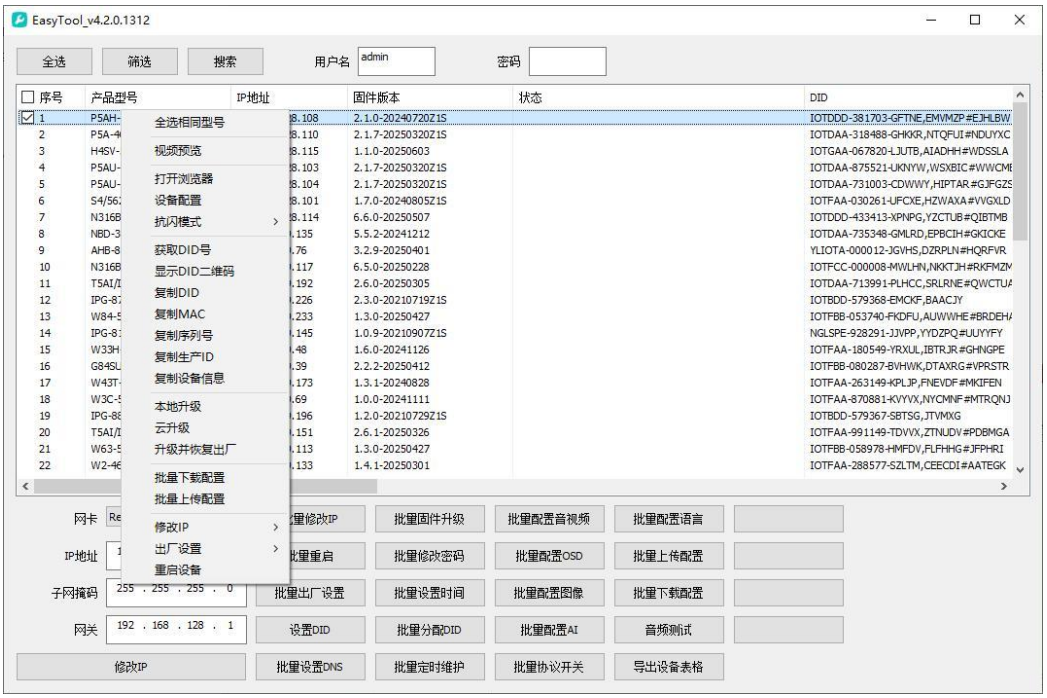
(2) For one selected multichannel device, right-click > Video preview displays a channel submenu. Select a channel to preview it.

(3) For multiple selected devices, right-click > Video preview opens video previews for all selected devices.

3. Open browser: opens the device IP address in the default browser and displays its web login page. If multiple devices are selected, this applies only to the device under the right-click pointer.

4. Device configuration: opens the device configuration page. If multiple devices are selected, this applies only to the device under the right-click pointer.

Original software screenshots (Chinese interface)





Right-click menu functions (continued)

5. Anti-flicker mode: batch-configure as Strong anti-flicker or Off.

6. Get DID: obtain DID numbers in a batch. Prerequisite: the DID entry in the device's authorization information on the cloud authorization platform must be set to User-applied DID.

7. Show DID QR code: displays the device's DID QR code. If multiple devices are selected, this applies only to the device under the right-click pointer.

8. Copy DID: copies DID numbers of all selected devices.

9. Copy MAC: copies MAC addresses of all selected devices.

10. Copy serial number: copies serial numbers of all selected devices.

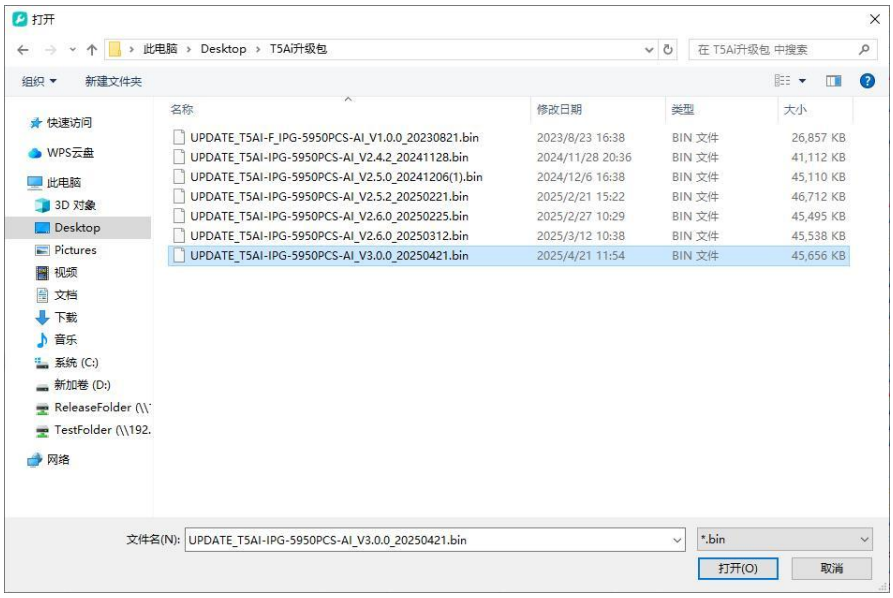
11. Copy production ID: copies production IDs of all selected devices. The production ID is the ChipID.

12. Copy device information: copies information for all selected devices, including DID, MAC, SN, ChipID, IP, Product, Version, DeviceType, BoardID and CustomID.

13. Local upgrade: batch-upgrades selected devices. Select and open an upgrade package to start. The interface cannot be operated during the upgrade. After completion, the status field refreshes to show the local upgrade result.

14. Cloud upgrade: batch-upgrades selected devices through the cloud. After a new version is found, click Upgrade. When complete, the status field refreshes to show the result.

Original software screenshots (Chinese interface)





Right-click menu functions (continued)

15. Upgrade and restore factory settings: batch-upgrades devices and restores factory configuration. The interface cannot be operated during the upgrade.

16. Batch download configuration: downloads configuration files from all selected devices to a local folder.

17. Batch upload configuration: uploads a configuration file to all selected devices.

18. Modify IP: batch-changes IP addresses. The interface cannot be operated while addresses are being changed. On completion, the status field refreshes with the result.

(1) Specified IP addresses: enter a range and assign addresses sequentially in a batch.

(2) Automatic IP planning: automatically assigns usable addresses on the LAN.

19. Factory settings: performs a simple reset or a complete factory reset on selected devices.

(1) Simple reset: restores device parameters to their default state.

(2) Complete factory reset: restores the settings present when the device left the factory.

20. Restart device: batch-restarts selected devices.

2.4.1.6. Buttons below the device list

1. Network adapter, IP address, subnet mask and gateway: displays the computer's current network information. Edit these fields, select devices and click Modify IP to apply the specified IP address, mask and gateway to them.

2. Video preview: previews video from selected devices.

3. Batch modify IP: configures IP settings for selected devices. Manual IP modification and automatic IP planning work as described in the right-click menu.

(1) Batch enable adaptive IP; (2) batch disable adaptive IP; (3) batch enable DHCP; (4) batch disable DHCP: apply the respective setting to selected devices.

4. Batch restart: restarts all selected devices.

5. Batch factory settings: same as Factory settings in the right-click menu.

6. Batch set DNS: configures DNS for all selected devices.

Original software screenshots (Chinese interface)





Buttons below the device list (continued)

7. Batch firmware upgrade: upgrades selected devices. Local upgrade, Upgrade and restore factory settings, and Cloud upgrade work as described in the right-click menu.

(1) Customize local logo images: batch-customizes startup, channel and menu logos for selected devices. Select local logo files and upload them.

Logo image requirements (width x height; maximum file size):

NVR startup logo: 1920 x 1080 pixels, JPG, 256 KB.

NVR channel logo: 704 x 576 pixels, JPG, 64 KB.

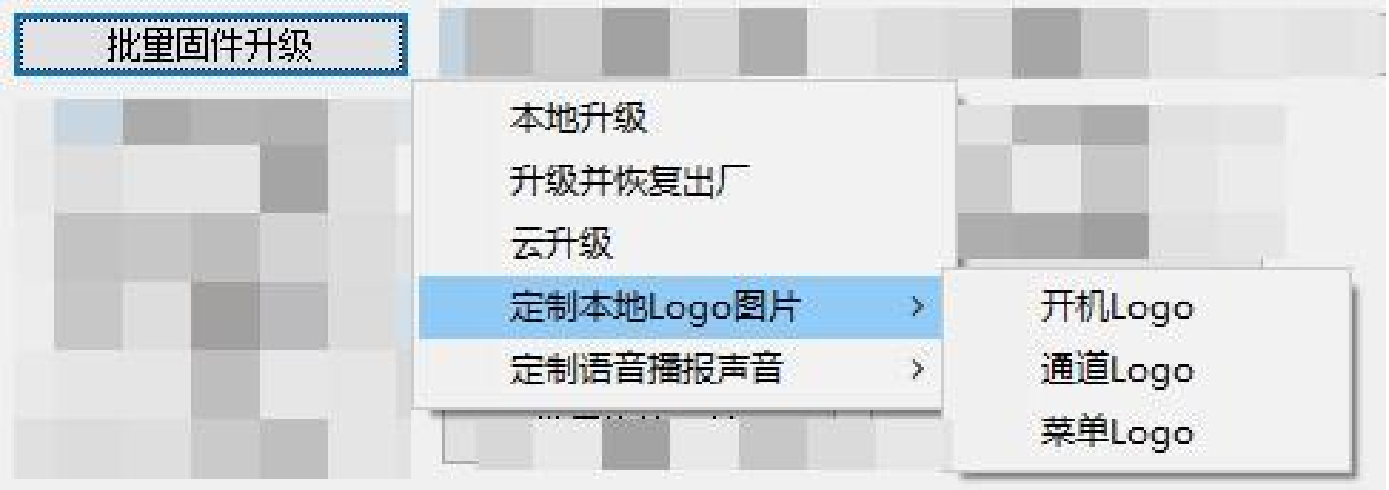
NVR menu logo: 248 x 60 pixels, PNG, 64 KB.

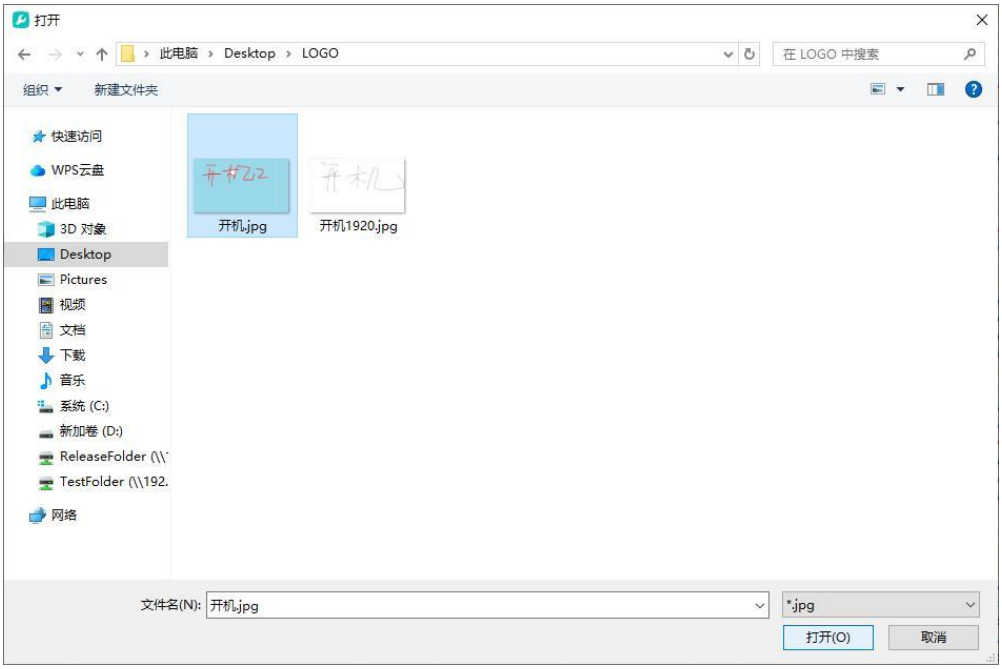
HVR startup logo: 1024 x 768 pixels, JPG, 128 KB.

HVR channel logo: 704 x 576 pixels, JPG, 64 KB.

(2) Customize voice announcement audio: batch-customizes alarm sounds for selected devices. Select and open a local g711u file, then upload it.

Original software screenshots (Chinese interface)





Buttons below the device list (continued)

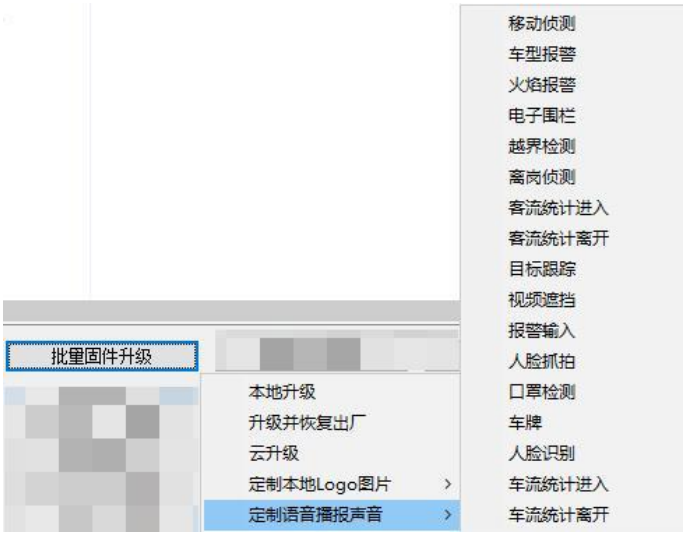
8. Batch change password: changes passwords for selected devices in a batch.

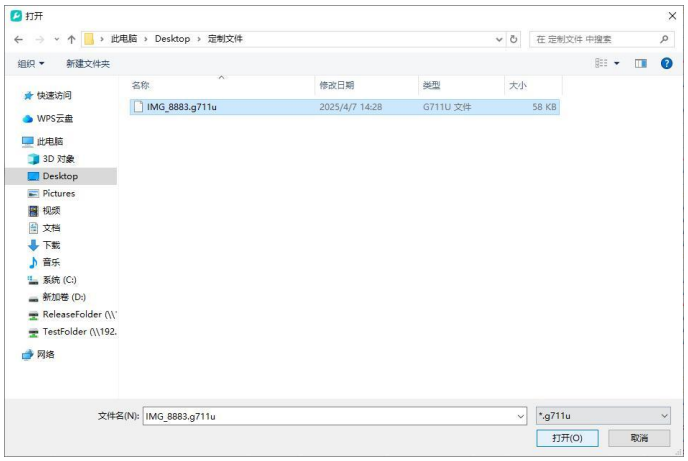
9. Batch set time:

(1) Synchronize time: sets selected devices to the computer's current time.

(2) Modify time: batch-changes time settings. The dialog initially displays the time configuration of the first selected device.

Original software screenshots (Chinese interface)







Buttons below the device list (continued)

10. Batch assign DID: same as Get DID in the right-click menu.

11. Batch scheduled maintenance: changes automatic maintenance settings for selected devices. The dialog initially displays the scheduled maintenance settings of the first selected device.

12. Batch configure audio/video:

(1) Batch H.265 encoding: sets the video codec of selected devices to H.265.

(2) Batch H.264 encoding: sets the video codec of selected devices to H.264.

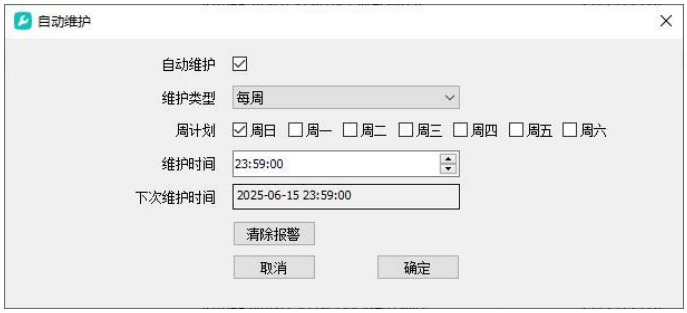
(3) Batch enable audio: changes the stream type to a combined audio/video stream.

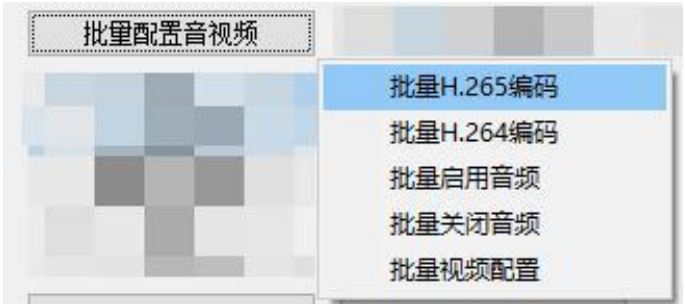
(4) Batch disable audio: changes the stream type to a video-only stream.

(5) Batch video configuration: changes video settings. The dialog initially displays the video configuration of the first selected device.

Original software screenshots (Chinese interface)







Buttons below the device list (continued)

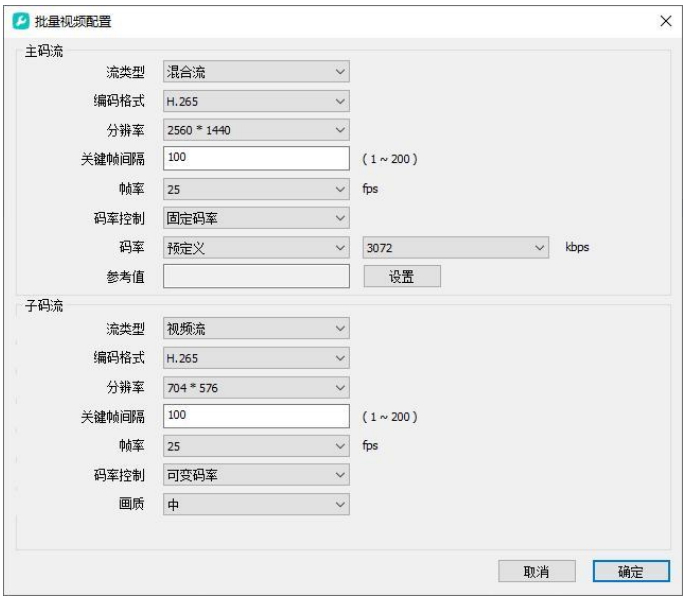
13. Batch configure OSD: changes OSD settings for selected devices. The dialog initially displays the OSD settings of the first selected device.

14. Batch configure image: changes the following image settings for selected devices.

(1) Night vision mode: options are Normal night vision, Full-color night vision, Smart dual light, Stepless infrared and Stepless white-light dimming.

(2) Image mode: options are Normal mode, Face without exposure and License plate mode.

Original software screenshots (Chinese interface)







Buttons below the device list (continued)

(3) IR-CUT mode: options are Auto (active), Auto (passive), Day, Night and Scheduled.

(4) Anti-flicker mode: same as Anti-flicker mode in the right-click menu.

15. Batch configure AI: changes the following AI settings for selected devices.

(1) AI overlay boxes: enables or disables AI target boxes and detection-area boxes.

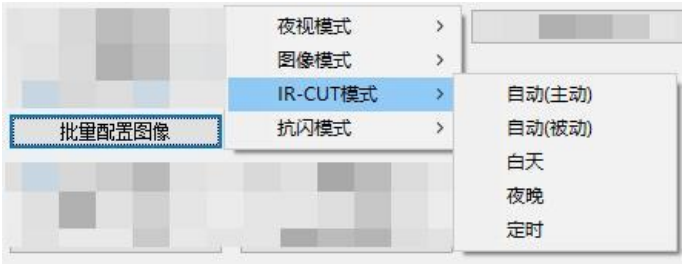
(2) Face recognition, license plate recognition, electronic fence, line-crossing detection, unattended-post detection and people counting: enables or disables each intelligent event.

16. Batch protocol switch: enables or disables the HIK protocol for selected devices.

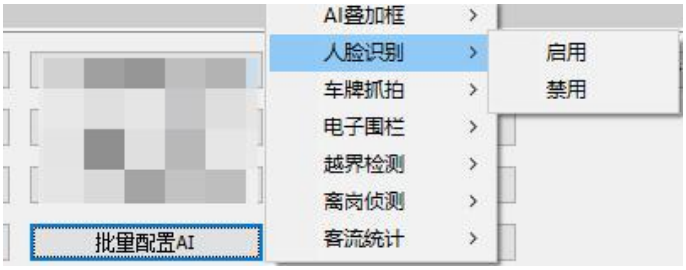
17. Batch configure language: changes the language settings of selected devices.

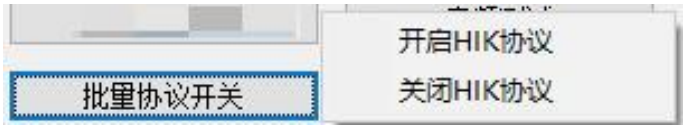
Original software screenshots (Chinese interface)











Buttons below the device list (continued)

(3) Batch upload configuration: imports configuration files to selected devices. Select and open a local configuration file, then upload it to import the settings.

18. Batch download configuration: downloads configuration files of selected devices to a local folder.

19. Audio test:

(1) Dedicated audio/video test: opens full-screen video preview with audio. When the device currently being tested is unplugged, the next device's audio/video opens automatically. Devices in the list are tested in sequence. Press ESC to exit.

(2) Microphone test: opens video preview, plays the selected device's video and enables two-way talk. If multiple devices are selected, this applies only to the device under the right-click pointer.

(3) Speaker test: tests the speaker alarm of all selected devices.

20. Export device table: exports device list information to a local folder. Specify a file name and save.

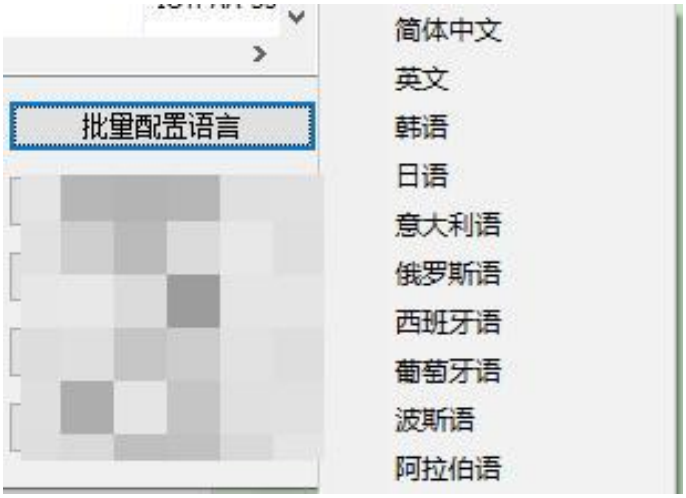
21. AF camera module upgrade: batch-upgrades the camera modules of selected devices. Select and open an upgrade package to start. The interface cannot be operated during the upgrade. On completion, the status field refreshes with the module upgrade result.

22. Set DID: select only one device to change its DID. The device restarts after the change.

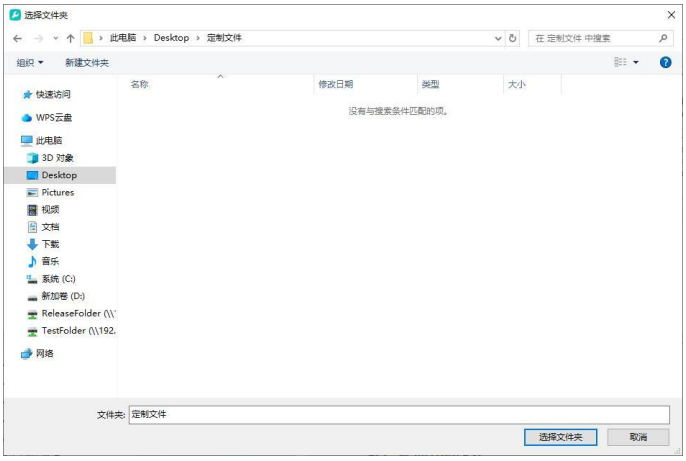
23. Export custom configuration: exports the internalcustominfo.ini files of selected devices locally.

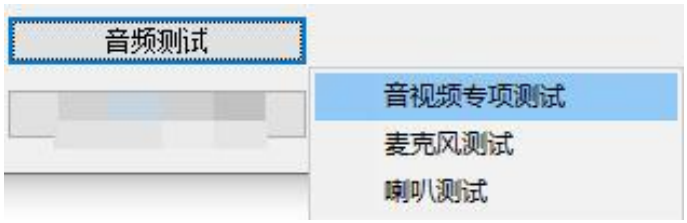
24. Active registration: batch-changes active registration information. The dialog initially displays the information of the first selected device.

Original software screenshots (Chinese interface)









Buttons below the device list (continued)

25. Export AF PTZ configuration: select only one device to export its AF PTZ configuration locally.

26. Export complete customization configuration: select only one device to export its complete customization settings locally.

27. Detailed customization: customizes device default values to the required defaults.

2.4.2. Video preview

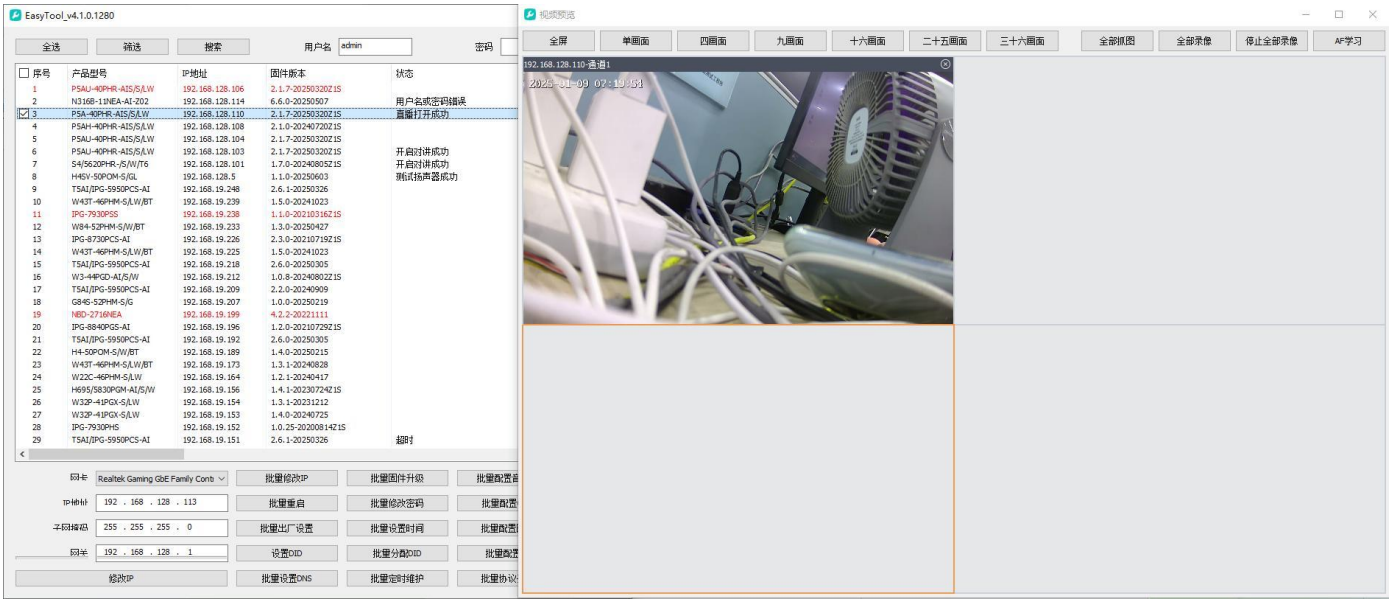
The main interface and video preview are separate windows. Their functions can be used simultaneously. Video preview supports up to 36 channels.

2.4.2.1. Interface functions

1. The device name above the image is displayed as IP address-channel number.

2. Close an individual preview: click the x icon at the upper right of an image to close it.

Original software screenshots (Chinese interface)



Video preview interface functions (continued)

3. PTZ control: move the pointer to the top, bottom, left, right or any corner of the preview image. When it becomes a PTZ control arrow, click to move the pan/tilt unit.

4. Full screen: displays the preview area full-screen. Press ESC to exit.

5. Single view: displays one image per page. Each click advances to the next image in sequence; after all 36 images, it returns to the first. Single view uses the main stream by default.

6. 4, 9, 16, 25 and 36 views: displays the corresponding number of images per page. Each click advances to the next group; after all 36 images, it returns to the first group. Double-click an image in a multiview layout to switch to single view. The 4-view layout uses the main stream by default; 9, 16, 25 and 36 views automatically use substreams.

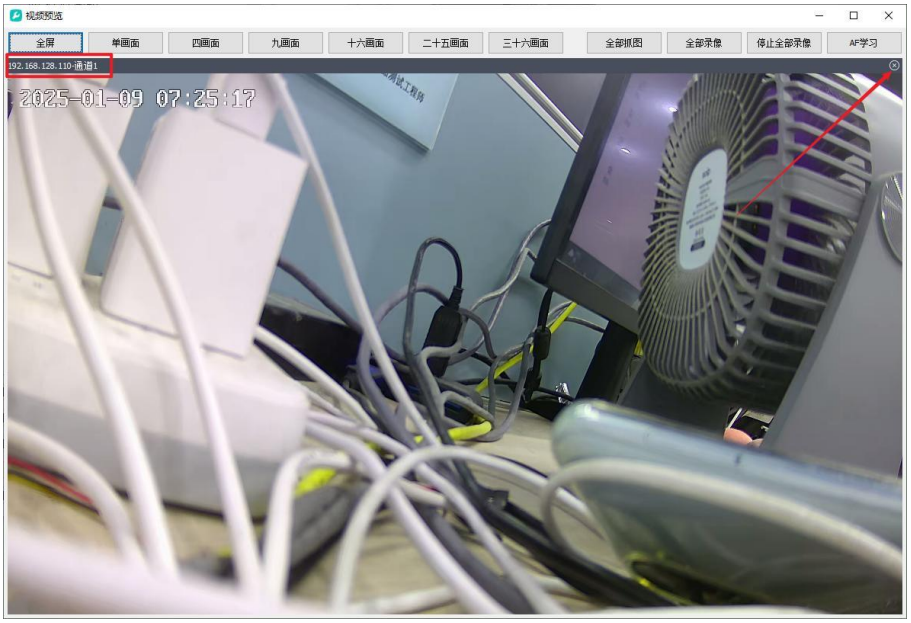
7. Snapshot all: saves snapshots from all open preview channels locally. Snapshot thumbnails appear at the lower right; click to open the saved images directly.

8. Record all: starts recording all open preview channels.

9. Stop all recording: stops recording all open preview channels and saves the recordings locally.

10. AF learning: select an image and click AF learning. The corresponding device performs AF learning, including PTZ preset recall. The process stops automatically when complete; no manual intervention is required.

Original software screenshots (Chinese interface)









2.4.2.2. Right-click menu

Right-click a preview image to open the menu illustrated below.

1. Close: closes the channel's video preview.

2. Quality: switches video quality between main stream and substream preview.

3. Enable sound / Mute: Enable sound plays the channel's audio, allowing speech at the device to be heard through the computer's headphones. Mute disables the channel's audio, so speech at the device is no longer heard through the headphones.

4. Aspect ratio: selects Fill or Original ratio. The default is Fill.

5. Snapshot: saves one image locally. A thumbnail appears at the lower right.

6. Open snapshot folder: opens the local folder containing saved images.

7. Record / Stop recording: starts or stops recording for the channel that was clicked. Stopping recording saves the file locally.

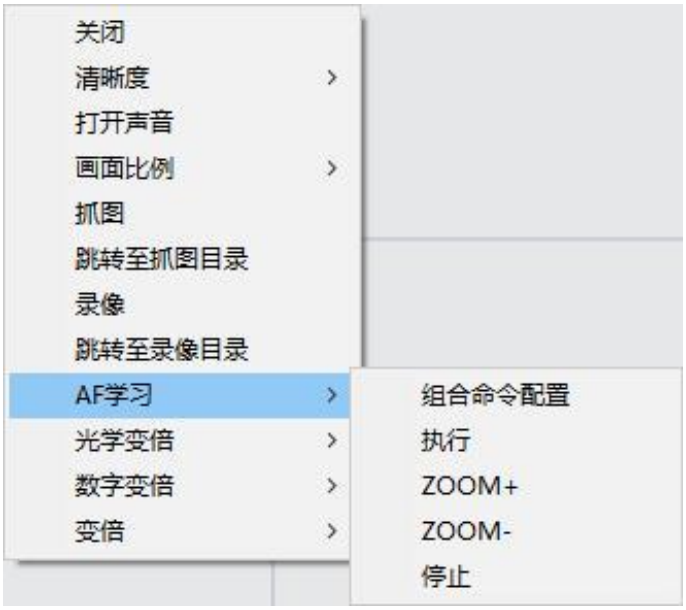
8. Open recording folder: opens the local folder containing saved recordings.

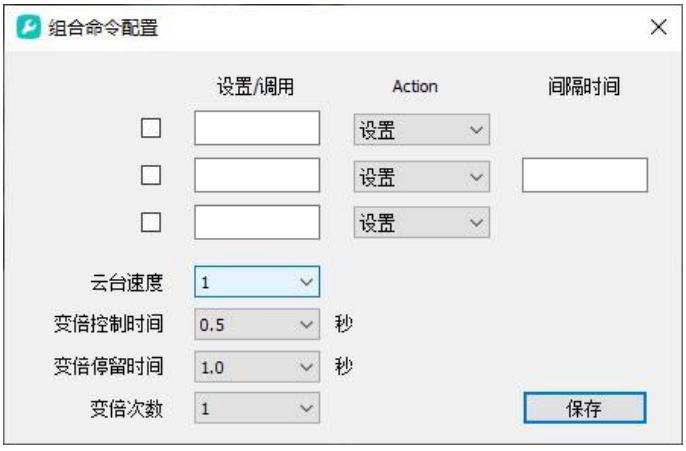
9. AF learning: performs AF learning on the channel that was clicked.

10. Optical zoom: configures optical zoom settings and executes zoom operations.

Original software screenshots (Chinese interface)





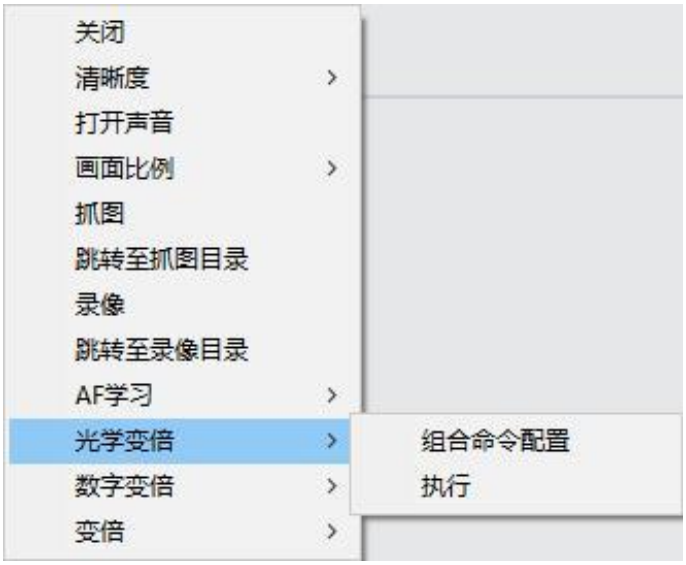


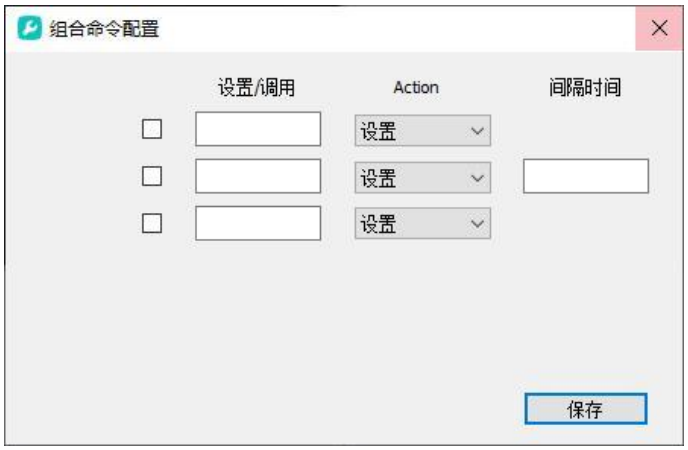
Video preview right-click menu (continued)

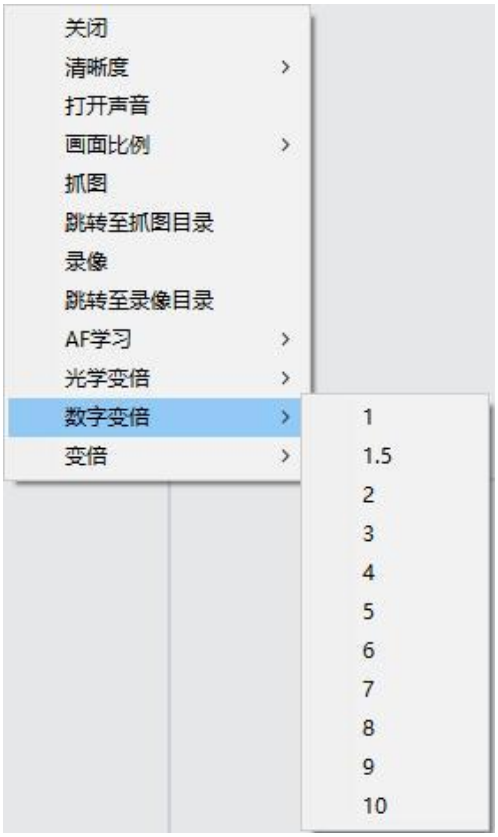
11. Digital zoom.
12. Zoom.

The original manual provides the interface illustrations below for these two functions without further written instructions.

Original software screenshots (Chinese interface)









2.4.3. Device configuration

Click Device configuration in the right-click menu to open the configuration page and configure the device. Main interface functions cannot be operated while this page is open.

1. Automatic update: the device configuration page supports automatic updates. When EasyTool starts, it checks for the latest cloud version and automatically updates if a new version is available.

2. Internet Explorer requirement: IE11 or later. The system IE version is checked before entering the device configuration page. A prompt appears if the version is too old.

3. Enable device Telnet: open the device configuration page and go to Network > IP address. Click the MAC address text five times within two seconds to enable Telnet on the device.

Original software screenshots (Chinese interface)

