



# Screen2ipcam

by MagicWeb

User Guide

## 1 What is Screen2ipcam?

Screen2ipcam turns your Windows PC screen into a standard **IP camera (ONVIF / RTSP)** that you can add to **any NVR/DVR** — no capture card needed.

**Main purpose:** performance monitoring in educational centers and public facilities — such as schools, training centers, and cashier / point-of-sale systems — by authorized responsible staff or the premises' owners.

- **Very lightweight:** minimal CPU and memory usage — runs smoothly on any ordinary PC with no extra software.
- **Easy to add:** appears to the NVR as a standard camera over **ONVIF** .
- **Unique identity per device:** you can run **100+ devices** on the same NVR with no clashes between them.
- **Bilingual:** full Arabic / English interface (native panel + web panel).

**⚠ Responsible use:** use only in approved educational / public premises. Use in governmental or private premises is not permitted. The user alone is legally responsible for any misuse.

## 2 Requirements

- Windows PC (the device that will be streamed).
- The PC must be **logged in with the screen active** while streaming.

❌ Do **not** keep the screen locked and do **not** view it over Remote Desktop (RDP). — the screen becomes unavailable for capture and the camera shows a **black image**. Use auto-login and keep the PC running with the desktop visible (or install it as a service).

## 3 Installation

### Option A — Setup (recommended)

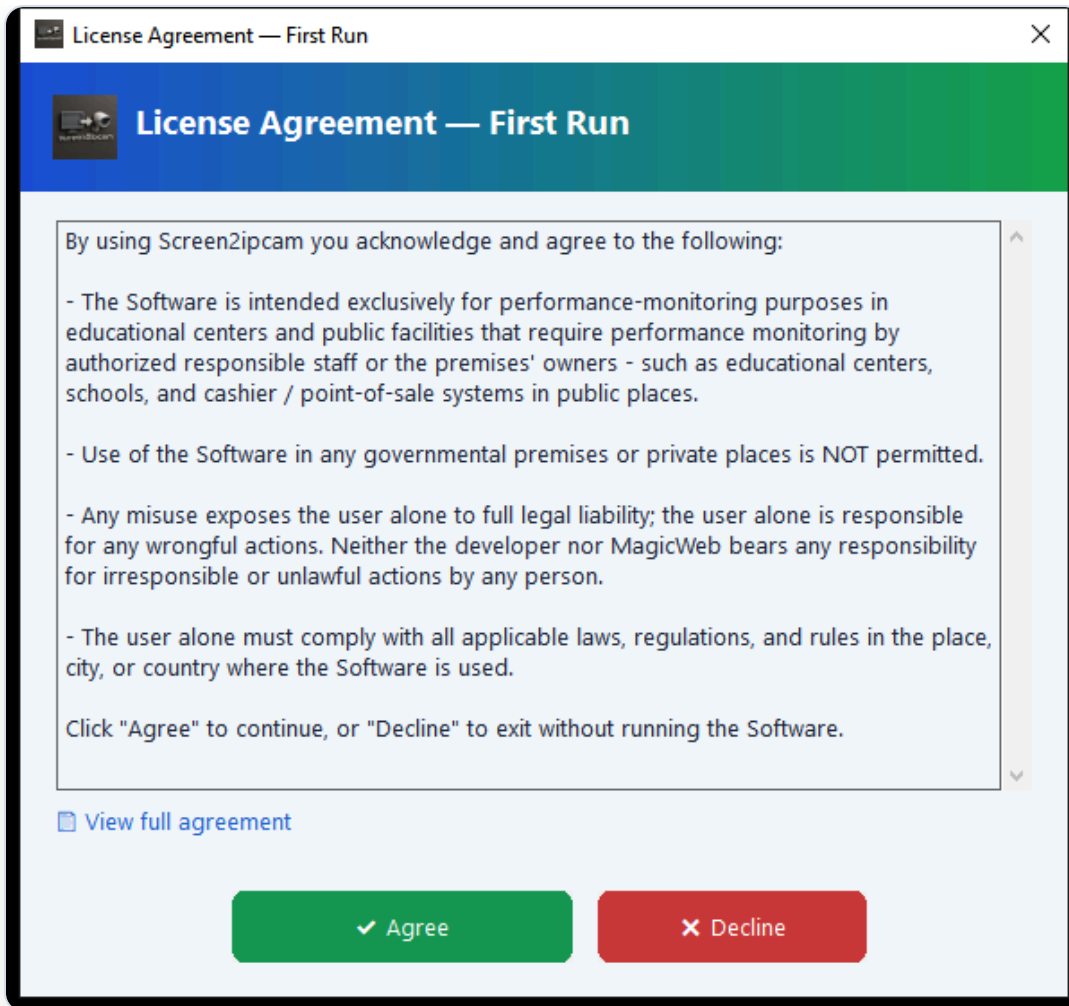
1. Run `Screen2ipcam_Setup_1.1.0.exe` as **Administrator**.
2. Choose your language (Arabic is the default; English is selectable).
3. Read and accept the License Agreement to continue.
4. Pick your options: **Desktop shortcut**, **Run at Windows startup**, **Antivirus (Defender) exclusion** (recommended), and **Install as a Windows service** (always-on, recommended).
5. Finish — the program is installed, firewall ports are opened automatically, and it can run with Windows.

### Option B — Portable

Extract the ZIP and run `run_live.bat` as Administrator (it elevates, opens the firewall, and launches the program).

## 4 First Run — Accept the Agreement

The first time you run the program, the **License Agreement** screen appears. The program does **not** start until you press **Agree**.

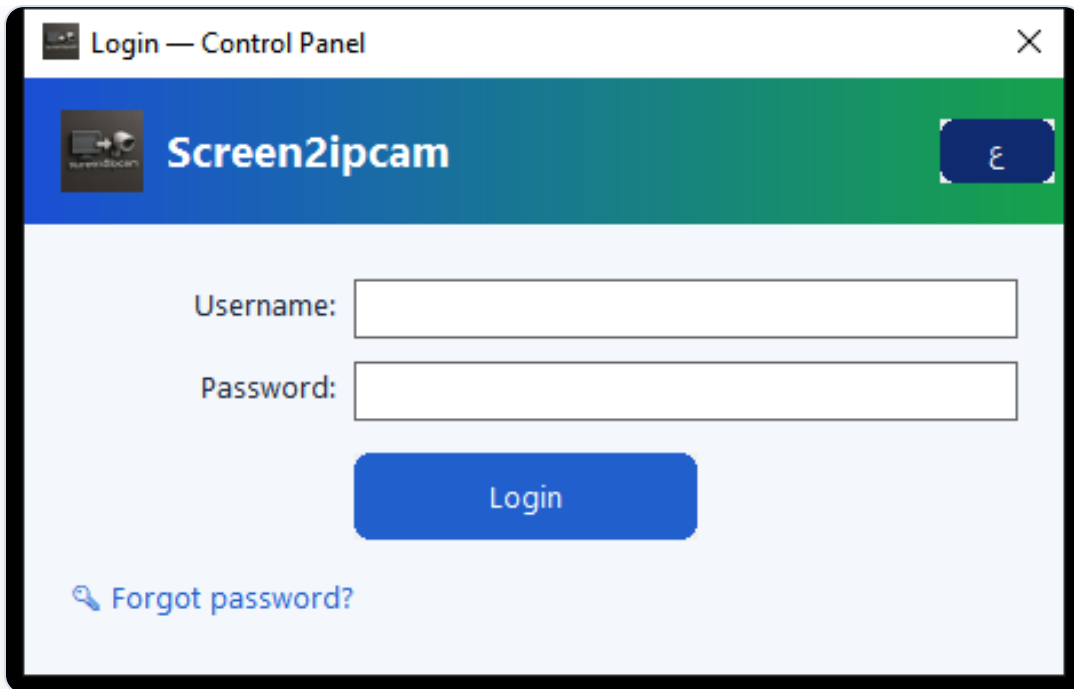


First-run screen — press “Agree” to start, or “Decline” to exit.

## 5 Logging In & Changing the Password

Open the control panel and sign in with the default credentials:

**Username:** admin · **Password:** admin



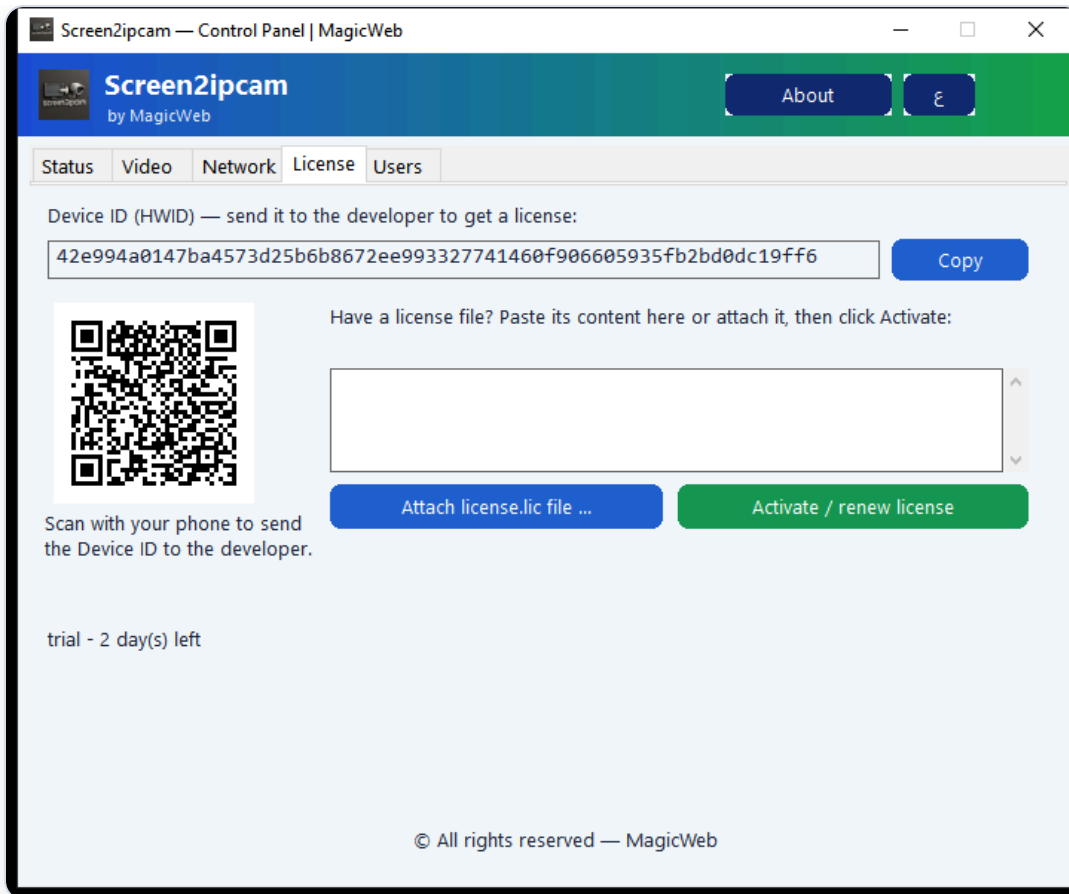
Login screen — you can switch the interface language from the top button.

💡 Change the password right after first login from the **Users** tab, and keep a note of the **recovery code** in case you forget it.

## 6 The Control Panel

The program offers two panels with the same settings: a **native panel** (a normal Windows window + a tray icon next to the clock) and a **web panel** you open from a browser or your phone.

Tab	What it does
<b>Status</b>	License state, device address (IP), stream links, start/stop the stream.
<b>Video</b>	Resolution, frame rate, quality (main + sub stream for the NVR grid).
<b>Network</b>	RTSP / ONVIF / web ports, stream security, device name, run-at-startup.
<b>License</b>	Device ID <code>HWID</code> + <code>QR</code> code + license activation box.
<b>Users</b>	Change username / password + recovery code + factory reset.



Control panel (License tab) — Device ID (HWID) + QR + license activation.

🌐 To open the web panel from your phone (on the same network), type `http://DEVICE-IP:8080` in the browser.

## 7 Adding the Camera to the NVR (most important)

1. On the NVR, add a camera and choose **ONVIF**.
2. Enter the **device IP** and ONVIF port `8000`, plus the username/password (if stream security is on).
3. If auto-search doesn't find it, **add it manually** by IP + port `8000`.
4. Make sure both devices are on the **same network** and the firewall ports are open.

**Direct RTSP links** (if your NVR uses RTSP):

Main: `rtsp://DEVICE-IP:554/screenlive`

Sub: `rtsp://DEVICE-IP:554/screensub`

💡 If you change a device's settings or password, **delete and re-add** the camera on the NVR so it picks up the new identity/credentials.

## 8 Stream Security (optional)

You can protect the stream with a password (RTSP / ONVIF). It is **off by default** for maximum compatibility.

⚠️ If you enable it, you must enter the same username/password on the NVR when adding the camera — otherwise the NVR is refused and the camera won't appear. If the camera disappears, turn this option off again.

## 9 Activating Your License

1. Open the **License** tab and **copy the Device ID ( HWID )**, or scan the **QR** code with your phone.
2. Send it to the developer by email at `support@magicweb.win`.
3. You'll receive a `license.lic` file.
4. Paste its content (or attach the file) in the License tab and press **Activate** — the TRIAL watermark disappears. ✅

💡 Keep the `license.lic` file safe, and send the HWID exactly with no extra/missing spaces.

### If the License Expires

⚠️ When the license period ends, the camera shows a **black screen** with this message on the NVR instead of the picture, and the stream stops until renewal. Just renew the license (copy the Device ID and contact the developer) and the camera works again immediately.

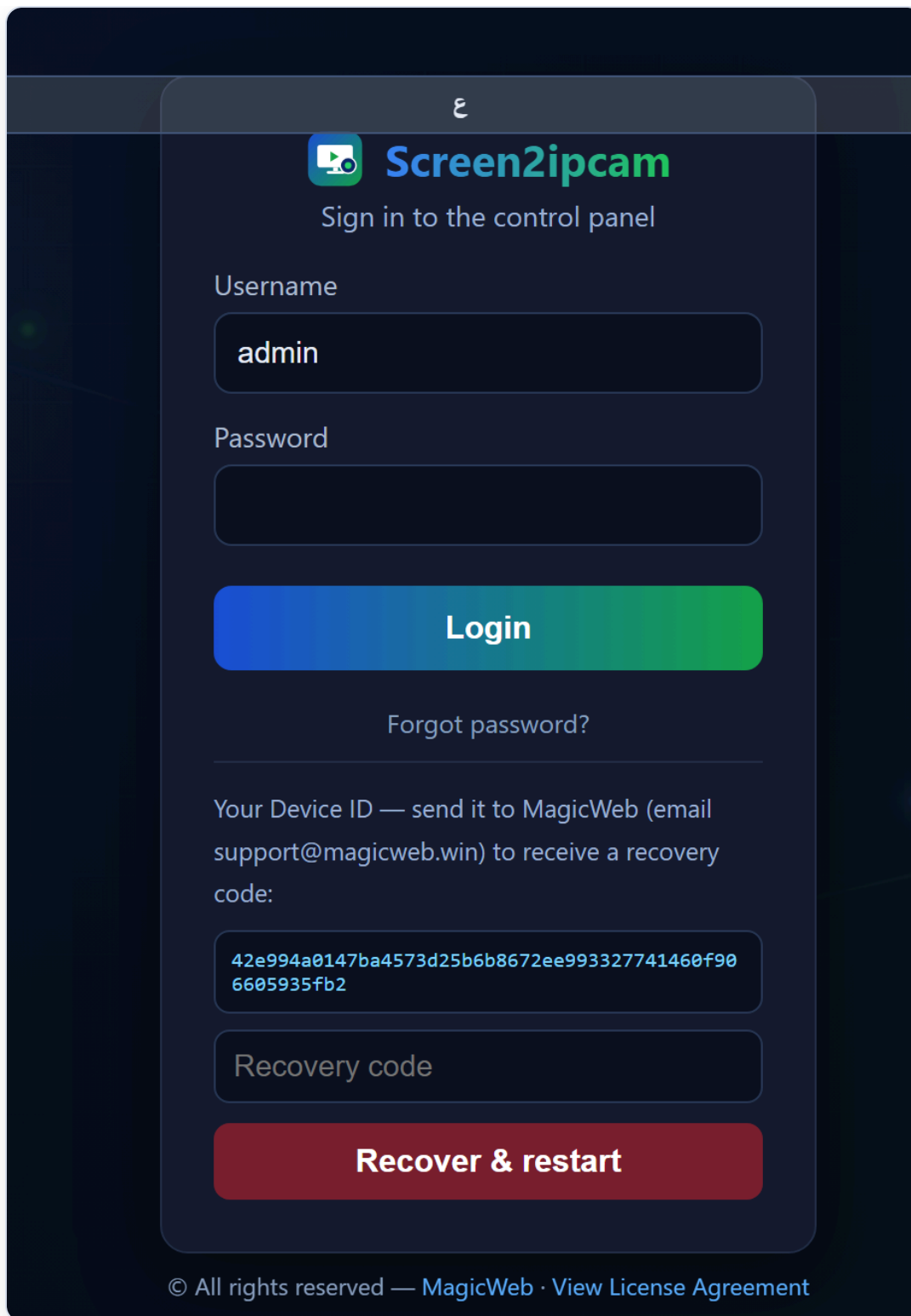


What the camera shows on the NVR after the license expires.

## 10 Forgot Your Password?

No problem — there's a safe recovery method using a recovery code from the developer:

1. On the login screen click “**Forgot password?**” — the recovery steps open and the **Device ID** is shown.
2. Copy the Device ID and send it to the developer by email at [support@magicweb.win](mailto:support@magicweb.win).
3. You'll receive a **recovery code**.
4. Enter the recovery code in the field on the login screen.
5. The password resets to [admin / admin](#) — sign in and change it immediately from the Users tab.



Login screen expanded with the password-recovery steps + Device ID.

## 11 Troubleshooting

Problem	Cause	Solution
<b>Black image on the NVR</b>	The PC is locked or accessed over <code>RDP</code> , so the screen isn't available for capture.	Keep the PC <u>unlocked, logged-in, with the screen visible</u> . Don't use Remote Desktop and lock the session. Best: install it as a service and leave the PC running.
<b>Camera not found in NVR search</b>	Auto-discovery failed, or a network/firewall difference.	Add it <b>manually</b> : ONVIF + device IP + port <code>8000</code> . Make sure both are on the same network and firewall ports are open.
<b>Stream security refuses the camera</b>	The NVR username/password doesn't match the stream-security credentials.	Enter the <u>same</u> credentials on the NVR. If it still refuses, turn stream security off, test, then re-enable with matching credentials.
<b>"Stream paused" shown</b>	The stream is temporarily paused.	Open the Status/Video tab and start the stream; make sure the screen is active and the program is running.
<b>Antivirus blocked the program</b>	False positive because the program files are obfuscated to protect the product.	Add a <b>Defender exclusion</b> (an option in the Setup) and allow the program. It is normal and not a virus.
<b>TRIAL watermark on the image</b>	The program is still in the trial period.	Activate the license (see the Activation section).
<b>Can't open the web panel</b>	Wrong address/port, or a different network.	Use <code>http://DEVICE-IP:8080</code> with the correct IP from the Network tab, from a device on the same network.

**Need help, activation, or a recovery code?**

 Email: [support@magicweb.win](mailto:support@magicweb.win)

 [www.magicweb.win](http://www.magicweb.win)

