



# **ibaVision v3.2.0**

## **New Features**

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iba AG

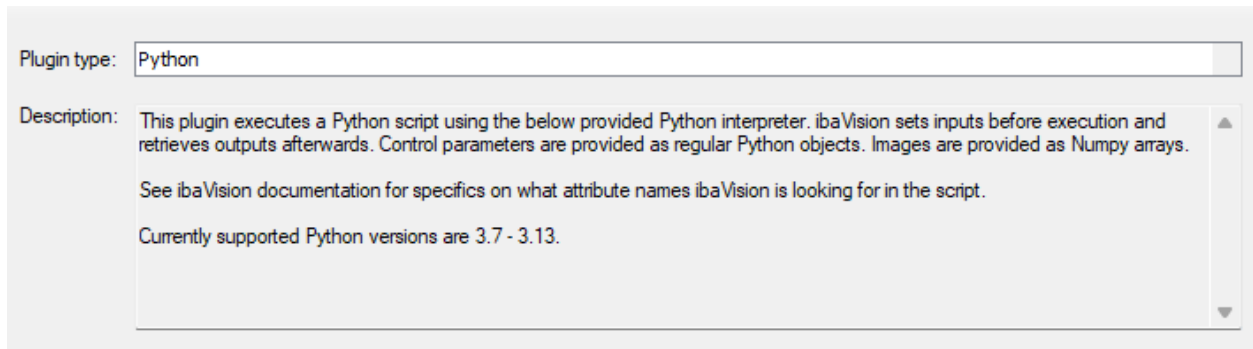
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## 1 Support for Python version 3.7 – 3.13

ibaVision v3.2.0 extends support for versions of Python from 3.7 up to 3.13.



**Note:** Python versions v3.7 – v3.9 are in state “End of Life” and are no longer officially supported. Future versions of ibaVision will not support “End of Life” Python versions.

## 2 ibaVision runs as a Windows service

### 2.1 Overview

With version 3.2.0, ibaVision has been redesigned into a client-server architecture and now supports execution as a Windows service. This change enables fully automated operation, improves system robustness, and removes the dependency on an interactive user session.

### 2.2 Runs as a Windows Service

ibaVision can now operate as a background Windows service. This allows configured programs and vision processing tasks to run independently of any logged-in user. As a result:

- ibaVision can start automatically at system boot.
- Processing continues even when no user session is active, improving uptime and reliability for production environments.

### 2.3 Automatic Configuration Migration

When upgrading from previous ibaVision versions to v3.2.0, system-specific configuration files are automatically migrated:

- Source (old versions): C:\Users\\AppData\Local\iba\ibaVision
- Destination (ibaVision v3.2.0): C:\ProgramData\iba\ibaVision

Storing configuration under *ProgramData* ensures:

- System-wide availability of configuration files
- Consistent behavior for service execution
- Separation of user profiles from application configuration

### 3 Each ibaVision program can now use a different HALCON or Python runtime during configuration

ibaVision v3.2.0 introduces runtime flexibility by allowing each configured program to use its own:

- HALCON runtime version
- Python runtime version

This enables mixed-version environments and better compatibility with specific scripts or applications without affecting global ibaVision settings.

