ibaVision v2.0.0

New Features

10/07/2020
iba AG

Table of contents

1   General remarks

1.1   Licensing now only uses WIBU CodeMeter licenses

Starting with ibaVision v2.0.0, WIBU CodeMeter licenses are required, either as a CmDongle (USB) or as a CmActLicense (soft license).

Licenses for new ibaVision v2 systems will be delivered as WIBU licenses.

Existing MARX USB Dongles will no longer work with ibaVision v2.

Time-limited evaluation licenses can be issued as soft licenses. Please note that activating time-limited soft licenses in virtual machines is not possible. Time-limited licenses on USB-dongles are not affected by this restriction and can be passed to virtual machines as usual.

1.2   Migrating from ibaVision v1 to ibaVision v2

If a running system with ibaVision v1 should be updated to ibaVision v2, a license exchange is required. This will be done with the procedure described below.

License migration from ibaVision v1 to ibaVision v2

ibaVision v2 on WIBU uses new product licenses. During the migration process, all existing license items will be migrated to the WIBU license container as well. Please provide your current MARX dongle number that you want to migrate.

When the migration order has been placed, the license migration will be done with the following steps. In the first step the existing ibaVision license is changed into a time-limited license. During this change, a license-confirmation file will be created. This file needs to be sent to confirmation@iba-ag.com as a proof of the license change.
Once the confirmation file has been received by iba, the new permanent license for ibaVision v2 will be delivered.

To avoid loss of functionality, the upgrade from ibaVision v1 to v2 should be performed while the v1 license is still valid
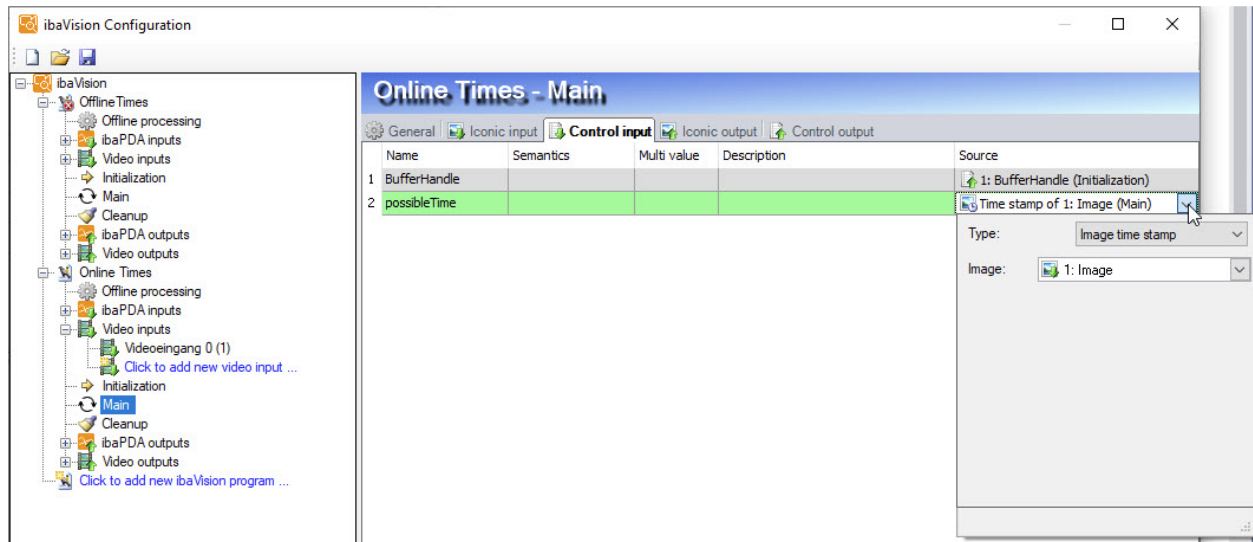
Configuration impacts when upgrading from ibaVision v1 to v2

There are no changes that would affect how ibaVision configurations work.

2 Image times can be sent to main procedure

In some cases it's desired to have timestamp information from processed images. In Halcon, certain framegrabber types provide this information via the operator get_framegrabber_param().

When using ibaVision video inputs, there is however no way to access the framegrabber directly. Therefore, it is now possible to define a control input to receive timestamp data for every image that is going to be processed in the main procedure.

For the control input, select "Image time stamp" as type, and then select the iconic input that should be used as the source.

This feature works in both online and offline modes.

On the Halcon side, the timestamp will be received as tuple with these elements:

0	Year
1	Month
2	Day
3	Hour
4	Minute
5	Second
6	Millisecond