

Software wenglor uniVision 3 DNNF023



Release Notes

Compatibility

The following uniVision 3 products each have their own version number:

- Software wenglor uniVision 3
- uniVision job
- Firmware B60

The version number of software and firmware products consists of three digits (e.g. Software uniVision 3.0.0):

- Major release: The first digit is changed (no job compatibility)
- Feature release: The second digit is changed (job must be converted via job converter)
- Bugfix release: The third digit is changed (jobs are compatible)

The following generally applies with regard to the compatibility of uniVision job files:

- For uniVision jobs, there are only two digits in the version number, as the job format does not change for bugfixes (third digit changed).
- Jobs with a specific two-digit version number can only be opened on devices with a suitable version of the firmware or set up using a suitable version of the software.
- After a firmware update with new features (second digit changed) on a device (e.g. Smart Camera), the corresponding software version must be installed and existing uniVision jobs must be converted. Details can be found in the operating instruction for the wenglor uniVision 3 software.

NOTE!



- Different feature versions of the software wenglor uniVision 3 (different second digit) can be installed in parallel on Windows PCs.
- The software wenglor uniVision 3 can be installed in parallel to uniVision 2 software versions.

The following table shows which versions are compatible with each other:

Software wenglor uniVision 3	uniVision job version	Firmware B60
3.0.x	3.0	1.0.x
3.1.x	3.1	1.1.x

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Version	Release Date	Description	Compatibility
3.1.3	23.04.2024	Bugfix and performance improvements: <ul style="list-style-type: none">• Support of white and infrared illumination module at Smart Camera B60 with Autofocus• Device Smart Camera → Light Control: New third mode Strobe Overdrive for maximum brightness (if using illumination module at Smart Camera B60 with Autofocus)	<ul style="list-style-type: none">• uniVision job: 3.1• Firmware B60: 1.1.3
3.1.2	12.04.2024	Bugfix and performance improvements: <ul style="list-style-type: none">• Module Image Pattern Match: Memory leak resulting in high RAM is solved when running job with pattern match for several hours.• Robot Vision Server for communication with robots of UR works again.	<ul style="list-style-type: none">• uniVision job: 3.1• Firmware B60: 1.1.2
3.1.1	02.02.2024	Bugfix and performance improvements: <ul style="list-style-type: none">• After saving jobs offline in uniVision Simulator, selecting records in Image Container Viewer is now possible without error messages (e.g. in Module State of Device Smart Camera).• Device Smart Camera: Chunk data linked in other modules are now set to Error state if chunk data is deactivated.• Module Image Pattern Match: Angles are now calculated correct in case of selecting any sorting by mm option.	<ul style="list-style-type: none">• uniVision job: 3.1• Firmware B60: 1.1.1

Version	Release Date	Description	Compatibility
3.1.0	11.12.2023	<p>New features:</p> <ul style="list-style-type: none"> • Device Smart Camera: <ul style="list-style-type: none"> » Support of B60 with Autofocus (Optic Control) » Support of illumination module (white, IR and RGBW) at B60 with Autofocus (Light Control) » Support of test object status LEDs (red and green LEDs) on illumination module (Test Object Status Control) » Invert x any y of image (Image Format Control) » New output "Processing Active" at Digital IO Control » Provide meta data together with image (Frame ID, Missed Trigger Counter, Line 1-6 Status, Position X and Y of position sensor) at Chunk Data Control • Module Image Calibration: <ul style="list-style-type: none"> » Additional Calibration Size 24x30 mm » Option to compute undistorted image (in order to use undistorted image as input image in other modules) • Module Image Locator, Pattern Match, Blob, Code 1D and Code 2D: Calibration as optional input • Module HALCON Script: Use HALCON debug server in uniVision Simulator (only in offline uniVision jobs!) • Support of Device Industrial Ethernet (for Industrial Ethernet protocol PROFINET) • New LIMA command to get list of available jobs • Support of several user languages (DE, EN, FR, IT, ES, PT, NL, HU, TR, ZH, RU) • Job converter <p>Minor bugfixes and performance improvements.</p>	<ul style="list-style-type: none"> • uniVision job: 3.1 • Firmware B60: 1.1.0
3.0.3	02.02.2024	<p>Bugfixe Release:</p> <ul style="list-style-type: none"> • Connecting to Machine Vision Devices in case of multiple different uniVision GUI versions (e.g. uniVision 3.0 and 3.1) installed on the same Windows PC. • Correct deinstallation of only relevant uniVision 3.0 GUI version 	<ul style="list-style-type: none"> • uniVision job: 3.0 • Firmware B60: 1.0.2

Version	Release Date	Description	Compatibility
3.0.2	15.11.2023	Update of operating instructions	<ul style="list-style-type: none"> • uniVision job: 3.0 • Firmware B60: 1.0.2
3.0.1	19.08.2023	Bugfix and performance improvements: <ul style="list-style-type: none"> • Module Image Measure: Linking the result "Quality of Fit [%]" e.g. of "Find Line" tool works correct now so that the result can be used as input in other modules. • Module Image Code 1D/2D: The position of codes is now displayed correctly ("nan" results of angle Phi are prevented). • Module Image Code 1D/2D: User-friendly names for e.g. "Enhanced Parameter". • Module Statistic: Linking of "Reset Statistic" with values of datatype REAL works now correct. 	<ul style="list-style-type: none"> • uniVision job: 3.0 • Firmware B60: 1.0.1
3.0.0	04.08.2023	Initial version for the market introduction	<ul style="list-style-type: none"> • uniVision job: 3.0 • Firmware B60: 1.0.0