

KINGSTAR 3.2

ETHERCAT RELEASE NOTES

KS-DOC-X64-0014-R14



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Contents

| | |
|--|---|
| KINGSTAR EtherCAT 3.2 release notes | 1 |
| New features | 1 |
| Updates | 1 |
| Fixes | 2 |
| Known issues | 2 |
| Get support | 3 |
| Third-party support | 3 |
| Online support | 3 |
| Before calling technical support | 3 |
| The version number of your RTX64 and KINGSTAR software | 3 |
| Phone support | 4 |

KINGSTAR EtherCAT 3.2 release notes

New features

The following new features and improvements are available in this release:

NOTE: Reference numbers, [KS-<XXX>], are for internal tracking purposes.

- Add new supported hardware:
 - Servo drives
 - Inovance IS620N [KS-408]
 - EtherCAT I/O modules
 - Nexcom NEIO-B1811/B1812 [KS-505]
 - EtherCAT coupler
 - VIPA SLIO EtherCAT Coupler [KS-378]
- Add API functions: **RtEcatGetMasterState**, **RtEcatSetTouchProbe**, **ReadActualCurrent**, **ReadTouchProbeStatus**, **ReadCustomInput1**, **ReadCustomInput2**, **WriteTouchProbeControl**, **WriteCustomOutput1**, **WriteCustomOutput2**. [KS-423]

Updates

- Re-enable ENI parsing. Users are able to disable KINGSTAR auto-configuration and load their own EtherCAT Network Information (ENI) files to the KINGSTAR bin folder. [KS-261]

- Add multi-channel mailbox that allows the master to deal with each slave's mailbox independently. The master can make good use of cycle time to send a command to each slave. [KS-294]
- Add the command-line mode in KINGSTAR Analysis Console. [KS-427]
- Add options in KINGSTAR ESI Import Tool: Cycle time interval, Default resolution, MOP Display, Custom Input/Output. [KS-444]

Fixes

- Add custom variables into the PDO variable list. Users can use KINGSTAR ESI Import Tool to set these variables. They can also use the corresponding KINGSTAR EtherCAT API functions to read and write them. [KS-360]

Known issues

- After installing and configuring RTX64 3.2, you are prompted to restart Windows. There is an error icon in the prompt dialog box, but the message is a reminder, not an error.

Get support

KINGSTAR offers a number of support options for KINGSTAR users, including third-party, online and phone support.

Third-party support

If you are a customer who purchased a KINGSTAR product through a third-party reseller, contact the reseller for support.

Online support

The KINGSTAR Customer Support web page is located at:

<http://kingstar.com/support/>

The KINGSTAR support web pages provide electronic access to the latest product releases, documentation, and release notes. You can access the online support ticketing system to submit issues or questions.

Before calling technical support

Please have the following information ready before calling KINGSTAR Technical Support:

The version number of your RTX64 and KINGSTAR software

To obtain the RTX64 version number:

1. Click **Start > All Programs > RTX64 3.2 Runtime > Control Panel**.
2. In the **RTX64 3.2 Control Panel**, record **Version** shown in the **Runtime Information** area.

To obtain the KINGSTAR version number:

1. Click **Start > All Programs > KINGSTAR > Runtime**.
2. In **Windows Explorer**, click the `ksm64.rtdll` file, and right-click the same file again.
3. On the shortcut menu, click **Properties**.
4. In the **ksm64.rtdll Properties** window, click the **Details** tab, and record **Product version**.

Phone support

For technical support related to installing and using KINGSTAR, please call technical support at this number:

+886-2-2556-8117

Hours are Monday-Friday from 9:30 to 18:30, UTC+08:00, excluding holidays.