Upgrade to IoTstar 2025

01 Purchase IoTstar 2025

Please contact ICP DAS sales personnel or distributors to purchase IoTstar 2025. After receiving the package, confirm the product serial number on the inner lining of the box.

02 Download the IoTstar 2025 Installation Program

Go to the "Download IoTstar 2025" webpage, fill in your personal information and the "serial number" of the purchased IoTstar 2025, then click the "Get Download Link" button. The system will send the download link to your email for user access.

03 Remove the Previous Version of IoTstar

Run the uninstallation program for the previous version of IoTstar and choose **not to remove configuration files** during the process.

04 Install IoTstar 2025

Run the IoTstar 2025 installation program and follow the installation guide to complete the installation.

05 Register IoTstar 2025

Go to the "Register IoTstar 2025" webpage, fill in your personal information, the "serial number" of the purchased IoTstar 2025, and the "Hardware ID," then click the "Get License File" button. The system will send the License File to your email as an attachment.



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06

Import License File

In the IoTstar 2025 License interface, click the "Browser" button and select the License File to import.

07

Start the Service

Click "Start Service" to activate the service

For more detailed procedures, please refer to the user manual.

Notes for SQL Server Users

IoTstar 2025 will adjust some column types in **SQL Server** databases. Users who directly read and write database data should take note and modify their programs as needed:

- **For the uid_*[SN]*_ir table IR*x* field**

Internal Register Type	Previous IoTstar	IoTstar 2025
16-bit Signed Integer	real	decimal(5)
16-bit Unsigned Integer	real	decimal(5)
32-bit Signed Long	real	decimal(10)
32-bit Unsigned Long	real	decimal(10)
32-bit Floating Point	real	real
64-bit Signed Long	real	decimal(20)
64-bit Unsigned Long	real	decimal(20)
64-bit Double	real	float

- **For the uid_*[SN]*_realtime table Value field**

Channel/Internal Register Type	Previous IoTstar	IoTstar 2025
All	real	nvarchar(350)

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Notes for MySQL Users

IoTstar 2025 will adjust some column types in **MySQL** databases. Users who directly read and write database data should take note and modify their programs as needed:

- **For the uid_*[SN]*_ir table IR*x* field**

Internal Register Type	Previous IoTstar	IoTstar 2025
16-bit Signed Integer	FLOAT	DECIMAL(5)
16-bit Unsigned Integer	FLOAT	DECIMAL(5)
32-bit Signed Long	FLOAT	DECIMAL(10)
32-bit Unsigned Long	FLOAT	DECIMAL(10)
32-bit Floating Point	FLOAT	FLOAT
64-bit Signed Long	FLOAT	DECIMAL(20)
64-bit Unsigned Long	FLOAT	DECIMAL(20)
64-bit Double	FLOAT	DOUBLE

- **For the uid_*[SN]*_realtime table Value field**

Channel/Internal Register Type	Previous IoTstar	IoTstar 2025
All	DOUBLE	VARCHAR(350)

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Notes for Oracle Users

IoTstar 2025 will adjust some column types in **Oracle** databases. Users who directly read and write database data should take note and modify their programs as needed:

- **For the UID_*[SN]*_IR table IR*x* field**

Internal Register Type	Previous IoTstar	IoTstar 2025
16-bit Signed Integer	FLOAT	NUMBER(5)
16-bit Unsigned Integer	FLOAT	NUMBER(5)
32-bit Signed Long	FLOAT	NUMBER(10)
32-bit Unsigned Long	FLOAT	NUMBER(10)
32-bit Floating Point	FLOAT	FLOAT
64-bit Signed Long	FLOAT	NUMBER(20)
64-bit Unsigned Long	FLOAT	NUMBER(20)
64-bit Double	FLOAT	BINARY_FLOAT

- **For the UID_*[SN]*_REALTIME table VALUE field**

Channel/Internal Register Type	Previous IoTstar	IoTstar 2025
All	FLOAT	NVARCHAR2(350)

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