

EcoStruxure

Smartlink SI B Gateway

Firmware Release Notes

EcoStruxure offers simple, cost-effective serial-to-Ethernet connectivity.

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Introduction

EcoStruxure Master Range

EcoStruxure is Schneider Electric's IoT-enabled, plug-and-play, open, interoperable architecture and platform, in Homes, Buildings, Data Centers, Infrastructure and Industries. Innovation at Every Level from Connected Products to Edge Control, and Apps, Analytics and Services.

Validity Note

This release note is applicable for:

- Smartlink SI B gateway (A9XMZA08)
- PowerTag Link SI B gateway (A9XMZC08) for China market

Both the gateways have same hardware characteristics and firmware features.

Smartlink SI B Gateway

The Smartlink SI B gateway has seven digital channels (24 Vdc) and one analog channel (4...20 mA or 0...10 Vdc) and can be connected to the devices in the range equipped with a Ti24 interface.

The Smartlink SI B gateway is also a wireless gateway and can be connected to wireless devices.

The data can be transmitted from the Smartlink SI B gateway to a PLC or a supervision system via a Modbus TCP/IP protocol.

The Smartlink SI B gateway channels can also be used to transmit standardized input and output. The Smartlink SI B gateway can also communicate with devices (not in the Acti9 range) with or without a Ti24 link.

The Smartlink SI B gateway is an intermediary between the supervisor and various electrical appliances. It can therefore be used to retrieve and process data received from devices, and also control them. The functions available depend on the type of connected devices.

Firmware Release History

The following table indicates the availability of each firmware version for Smartlink SI B gateways. There is no compatibility issue between latest version of firmware with previous versions.

Date	Firmware version	Availability
June 2021	2.4.6	Latest commercial release
October 2020	2.4.2	Obsolete
September 2019	2.3.0	Obsolete

Firmware Update Policy

Firmware update is recommended to benefit from the latest features and potential bug fixes.

Firmware Update with EcoStruxure Power Commission Software

Use the latest version of EcoStruxure Power Commission software to update the Smartlink SI B gateway with the latest firmware version available.

The latest version of EcoStruxure Power Commission software is available at www.se.com.

For more information on the use of EcoStruxure Power Commission software, refer to *EcoStruxure Power Commission Online Help*.

Firmware Versions

Firmware Version 2.4.6

Security Updates

Cybersecurity vulnerabilities

Bugs Fixed

After power loss, the drop in pulse counter value in Modbus registers and webpages was fixed.

Firmware Version 2.4.2

Security Updates

- Treck TCP/IP Vulnerabilities (Ripple20) documented in [SEVD-2020-175-01](#)
- Cybersecurity issues

Bugs Fixed

Miscellaneous corrections

Firmware Version 2.3.0

Bugs Fixed

The nominal current rating for the PowerTag M250/M630 energy sensors was fixed.

Related Documents

Title of documentation	Publication date	Reference number
<i>Smartlink SI B - User Manual</i>	09/2020	DOCA0123EN

You can download these technical publications and other technical information from the website at <https://www.se.com/en/download>.

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