

iSMA-B-MG-IP

Meter Gateway

iSMA-B-MG-IP Software Bundle 2.0

8 Jun 2020

The list below contains modifications and new features since the release of firmware version 2.0.

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 2.0 Release date 8 Jun 2020	New Functionalities: <ul style="list-style-type: none">• added M-Bus protocol over UDP/IP;• added UDP/IP port configuration for M-Bus connection over built-in web page;• new Modbus function 0x17 Read/Write Multiple registers;• new Modbus function 0x2B to read the VENDOR_NAME, MODEL_NAME, FW_VERSION, HOMEPAGE;• supporting Modbus address 0xFF for communication with the gateway (IP module). Improvements: <ul style="list-style-type: none">• improvement of M-Bus TCP state machine (better working with noise frames);• improvement of receiving data from M-Bus devices (corrected time between the end of transmitted frame and beginning of receiving data).

iSMA-B-MG-IP Software Bundle 1.5

11 Feb 2019

The list below contains modifications and new features since the release of software bundle version 1.4.

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 1.5 Release date 11 Feb 2019	New Functionalities: <ul style="list-style-type: none">• added MBUS BAUD RATE (32 – bits) registers;• added MBUS CONNECTION TIMEOUT (32 – bits) registers. Improvements: <ul style="list-style-type: none">• improvement of operational stability.

iSMA-B-MG-IP Software Bundle 1.4

15 Oct 2018

The list below contains modifications and new features since the release of software bundle version 1.3.

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 1.4 Release date 15 Oct 2018	Fixed Bugs: <ul style="list-style-type: none">• fixed error reading of M-Bus frames larger than 255 Bytes• added function of bootloader input - Modbus address 0x00 value 0x4FF.

The list below contains modifications and new features since the release of software bundle version 1.2.

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 1.3 Release date 30 Jul 2018	Improvements: <ul style="list-style-type: none"> improved MAC address display. Fixed Bugs: <ul style="list-style-type: none"> fixed Modbus TCP/IP socket timeout issue.

iSMA-B-MG-IP Software Bundle 1.1

14 Dec 2017

The list below contains modifications and new features since the release of software bundle version 1.0.

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 1.1 Release date 14 Dec 2017	New Functionalities: <ul style="list-style-type: none"> added new Modbus registers: HW version, MAC address; added RS485_BIASING bit in STOP_BITS register; added possibility to deactivate RS485_BIASING in hardware version 2.5 and newer added new elements on built-in web page: HW version, RS485 biasing;. Improvements: <ul style="list-style-type: none"> improved Ethernet communication in Modbus gateway and M-Bus gateway mode.

iSMA-B-MG-IP Software Bundle 1.0

13 Jan 2017

NAME	DESCRIPTION
iSMA-B-MG-IP Ver. 1.0 Release date 13 Jan 2017	First release.