

iSMA-B-MAC36NL

Master Application Controller

iSMA-B-MAC36NL Software Bundle 1.10

2024

The list below contains modifications and new features since the release of software bundle version 1.9.

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.10 Release date 7 May 2024	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.13.2.18 (U2); Improvements: <ul style="list-style-type: none">• JAVA updated to 402• Cleandist version updated to 2.1 Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.3.20;• 4.11.1.16;• 4.12.2.16;• 4.13.2.18.

iSMA-B-MAC36NL Software Bundle 1.9

2023

The list below contains modifications and new features since the release of software bundle version 1.8.

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.9 Release date 13 July 2023	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.12.2.16 (U2);• Compliance with BACnet version 15. Improvements: <ul style="list-style-type: none">• stability improvements• MAC-2411 - Improved time management on the controller, setting the time zone no longer requires a reboot of the controller;• MAC-1916 - Increased the maximum number of FD_setsize from 1024 to 4096. Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.3.20;• 4.11.1.16;• 4.12.2.16.

iSMA-B-MAC36NL Software Bundle 1.8

2023

The list below contains modifications and new features since the release of software bundle version 1.7.

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.8 Release date 23 Feb 2023	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.10.3.20 (U3);• support of the Niagara 4.12.0.156. Improvements: <ul style="list-style-type: none">• stability improvements Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.3.20;• 4.11.1.16;• 4.12.0.156.
iSMA IO Driver Ver. 2.4.0.0 Release date 23 Feb 2023	Fixed bugs: <ul style="list-style-type: none">• MAC-2197 LocalIO points frozen values issue fixed Improvements: <ul style="list-style-type: none">• stability improvements

iSMA-B-MAC36NL Software Bundle 1.7

2022

The list below contains modifications and new features since the release of software bundle version 1.6.

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.7 Release date 17 Aug 2022	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.11.1.16 (U1);• added IEEE802.1X support (requires N4.11);• added BACnet/SC support (requires N4.11). Improvements: <ul style="list-style-type: none">• rebranded boot and screensaver and console. Fixed Bugs: <ul style="list-style-type: none">• Fixed IPv6 addressing issue. Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.1.36;• 4.11.1.16.
iSMA IO Driver Ver. 2.3.0.0 Release date 23 Mar 2022	New Functionalities: <ul style="list-style-type: none">• new DigitalUniversalInput component;• Polarity conversion functionality added to DigitalInput and DigitalOutput components.

iSMA-B-MAC36NL Software Bundle 1.6

7 Dec 2021

The list below contains modifications and new features since the release of software bundle version 1.5.

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.6 Release date 7 Dec 2021	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.10.1.36 (U1). Improvements: <ul style="list-style-type: none">• stability improvements. Fixed Bugs: <ul style="list-style-type: none">• iSMA Modbus Tunnel not working in Niagara 4.10 on iSMA-B-MAC36NL fixed in 4.10.1.36 version. Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.1.36.

iSMA-B-MAC36NL Software Bundle 1.5

13 Jul 2021

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

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.5 Release date 23 Jun 2021	New Functionalities: <ul style="list-style-type: none">• support of the Niagara 4.9.1.30 (U1);• support of the Niagara 4.10.0.154. Improvements: <ul style="list-style-type: none">• PlatDataRecoveryService required during commissioning. Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.4.73.24;• 4.6.96.28;• 4.7.109.20;• 4.8.0.110;• 4.9.1.30;• 4.10.0.154.
iSMA IO Driver Ver. 2.2.0.5 Release date 8 Mar 2021	Improvements: <ul style="list-style-type: none">• AO, NumericPoint, NumericWritable prints improved warning logs;• stability improvements. Fixed Bugs: <ul style="list-style-type: none">• freezing Universal Input after language change in Local Platform Service Settings;• universal input displaying only integer values of the input in Voltage mode.

iSMA-B-MAC36NL Software Bundle 1.4

16 Dec 2020

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

NAME	DESCRIPTION
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iSMA-B-MAC36NL Ver. 1.4 Release date 16 Dec 2020	New Functionalities: <ul style="list-style-type: none"> • support of the Niagara 4.9 (distribution v.1288); • alarm diode supports station fault, removal or stopping state (4.9 and up); • new Niagara 4.8 CleanDist. Improvements: <ul style="list-style-type: none"> • stability improvements. Fixed Bugs: <p>Niagara 4.8 version updated to 4.8.0.110.1 (distribution v.1256 and up) includes:</p> <ul style="list-style-type: none"> • fixed TCP/IP gateway on both IP ports; • fixed DHCP hostname issue; • fixed issue of inadequate memory while distribution upgrade.
iSMA IO Driver Ver. 2.2.0.3 Release date 16 Dec 2020	Improvements: <ul style="list-style-type: none"> • iSMA_IO signed with Global Control 5 Trusted Certificate; • stability improvements. Fixed Bugs: <ul style="list-style-type: none"> • freezing Universal Input after facet change.
iSMA HDMI Driver Ver. 1.1.1 Release date 16 Dec 2020	Improvements: <ul style="list-style-type: none"> • iSMA_HDMI signed with Global Control 5 Trusted Certificate; • stability improvements.

iSMA-B-MAC36NL Software Bundle 1.3

31 Mar 2020

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

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.3 (Build 1152) Release date 31 Mar 2020	New Functionalities: <ul style="list-style-type: none"> • support of the Niagara 4.8 (distribution v. 1152); • web engine: User fonts support and a pop-up control for the HDMI display; • device extension auto-recognition shown in the "Product" field in the Niagara Platform (works from v2.1 hardware version). Improvements: <ul style="list-style-type: none"> • log saving to the Niagara home directory after a watchdog action; • Watchdog monitoring of internal processes; • MCU firmware update v2.5: <ul style="list-style-type: none"> • Improved UI filtering; • Improved UI measurement process. Fixed Bugs: <ul style="list-style-type: none"> • BACnet MSTP high CPU usage; • display resolution issue (wrong resolution after a display power loss); • display detection issue (no need to restart the controller); • passphrase issue (passphrase is now saved on the SD card).
iSMA IO Driver Ver. 2.1.0.0 Release date 31 Mar 2020	New Functionalities: <ul style="list-style-type: none"> • new temperature sensors support; • universal input resistance offset, linear conversion, custom table; • analog output linear conversion; • DIP switch and rotary switch components added to the LocalIO.

iSMA-B-MAC36NL Software Bundle 1.1

4 Apr 2019

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

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.1 Release date 4 Apr 2019	New Functionalities: <ul style="list-style-type: none"> • web engine with keyboard and screensaver with standby via HDMI port; • autologin function; • web control panel; • restore default settings by DIP switch. Improvements: <ul style="list-style-type: none"> • autologin process.
iSMA HDMI Driver Ver. 1.0.10.0 Release date 4 Apr 2019	First release.

iSMA-B-MAC36NL Software Bundle 1.0

7 Feb 2019

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

NAME	DESCRIPTION
iSMA-B-MAC36NL Ver. 1.0 (Build 936) Release date 7 Feb 2019	New Functionalities: <ul style="list-style-type: none"> • support for Niagara 4.6 and 4.7; • Data Recovery Service for all supported Niagara versions; • BACnet MS/TP support; • access to services using IP ports 1 – 1024; • device serial number / hardware version displayed in Niagara Platform. Improvements: <ul style="list-style-type: none"> • major performance increase; • numerous security changes; • stability and noise immunity improvements. Fixed Bugs: <ul style="list-style-type: none"> • serial port connection issues, 76800 baud rate support added; • BACnet IP timeouts; • multicast errors during station startup.
iSMA IO Driver Ver. 1.1.4.3 Release date 28 Jan 2019	Fixed Bugs: <ul style="list-style-type: none"> • fixed errors while starting station containing iSMA_IO components; • fixed errors while input reading.

NAME	DESCRIPTION
iSMA-B-MAC36NL Factory Software Bundle (Build 665) Release date 9 Oct 2018	<ul style="list-style-type: none">• First release;• support for Niagara 4.4.
iSMA IO Driver Ver. 1.1.3.0 Release date 9 Oct 2018	First release.