



Release Information

Anybus Communicator

7741 - Anybus Communicator
Application
Version 1.00
20220120

This release contains:

Type	File/Subcomponents	Label	File updated in this release
This document	-	-	Yes
HIFF file	ABC_DPV1_SERM_7741_1_01_01_HmsOtgw.hiff	7741_1.01.01	Yes
	SW	7741_2.06.01	No
	HDL	7741_2.03.01	No
	WEB	7741_2.07.01	No
	FWLoaderDS	7044_1.19.01	No
GSD file	HMSA183B.gsd	7741_1.01.01	Yes

Package history:

Release	Update
First release	-



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Reason for release:

Update of firmware package to support new Hardware ID

Affected functionality

		Description
Affected functionality	<input type="checkbox"/> Network conformity <input type="checkbox"/> Web interface <input type="checkbox"/> Network interface <input type="checkbox"/> Security <input type="checkbox"/> Stability <input checked="" type="checkbox"/> Other	Update of firmware package to support new Hardware ID

Field update recommendation

		Description
Field update recommendation	<input type="checkbox"/> Update required for conformance testing <input type="checkbox"/> Only devices in the field showing problems <input type="checkbox"/> All devices in the field	Devices need to be updated in order to be able to pass network conformance test. Devices in the field does not need to be field updated. If possible give a hint in what situations units must be updated. Discuss with project manager and/or product owner.

Compatibility:

Hardware

Firmware can be downloaded to Anybus Communicator hardware with serial and profibus interfaces.

PCB	Compatible?	Hardware-ID (48 bits)
8521-1.0.1	Compatible	0x090003080000
8521-1.0.1	Compatible	0x090003080001

Device description file (DDF)

GSD file for PROFIBUS

EDS	Firmware	Description
HMSA183B.gsd Version 1.00	1.00	GSD version 1.00 is compatible with firmware version 1.00.

How to upgrade from previous versions:

It is very important that the following steps are performed in correct order, otherwise the module may be unusable and must be sent back to HMS for recover.

Firmware upgrade:

Via Web configuration interface.

1. Disconnect all cables to all networks interfaces except the configuration port of the gateway.



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2. Make sure the configuration port is connected to the same network as the device performing the firmware upgrade.
3. Start up gateway.
4. The default IP settings of the gateway is IP address: 192.168.0.10, Subnet mask: 255.255.255.0. If these values cannot be used in the setup or if the IP settings have changed and is unknown, then the HMS IPconfig tool can be used to change IP settings of the gateway. The tool is located on <https://anybus.com/>.
5. Open up a webbrowser and enter the IP address of the gateway.
6. Click on the "Maintenance" -> "Files & Firmware" and follow the instructions on the webpage.

Known limitations:

Title	Description	Issue(s)



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Updated in version 1.01:

Title	Category	Description	Issue(s)
Firmware package	New functionality	Support for Hardware-Id 0x090003080001	A7741H-13

Updated in version 1.00:

Title	Category	Description	Issue(s)
Initial release	Other change		

Bugs that are found in this software release should be reported back to HMS support department. Report product, software version, configuration, how to reproduce behaviour, and the effects of the bug.