



# Release Information

## Anybus Communicator

7741 - Anybus Communicator  
Application  
Version 1.00  
20220615

### This release contains:

Type	File/Subcomponents	Label	File updated in this release
This document	-	-	Yes
HIFF file	ABC_DPV1_SERM_7741_1_02_01_HmsOtgw.hiff	7741_1.02.01	Yes
	SW	7741_2.10.01	Yes
	HDL	7741_3.03.01	Yes
	WEB	7741_2.12.01	Yes
	FWLoaderDS	7044_1.20.01	Yes
GSD file	HMSA183B.gsd	7741_1.02.01	Yes

### Package history:

Release	Update
First release	-



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### Reason for release:

Bug fixes

### Affected functionality

		Description
Affected functionality	<input type="checkbox"/> Network conformity <input checked="" type="checkbox"/> Web interface <input checked="" type="checkbox"/> Network interface <input type="checkbox"/> Security <input checked="" type="checkbox"/> Stability <input type="checkbox"/> Other	Bug fixes

### Field update recommendation

		Description
Field update recommendation	<input type="checkbox"/> Update required for conformance testing <input checked="" type="checkbox"/> Only devices in the field showing problems <input type="checkbox"/> All devices in the field	

### 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.
HMSA183B.gsd Version 1.01	1.01	GSD version 1.00 is compatible with firmware version 1.01.
HMSA183B.gsd Version 1.02	1.02	GSD version 1.00 is compatible with firmware version 1.02.

### 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.



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### Firmware upgrade:

#### Via Web configuration interface.

1. Disconnect all cables to all networks interfaces except the configuration port of the gateway.
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 1.02:

Title	Category	Description	Issue(s)
Serial	Bug fix	Corrected issue with RS-232 mode.	A7741D-2
WEB	Bug fix	Updated support link	A7741A-1455
WEB	New functionality	Added OT monitor	A7741A-1447
WEB	Other change	Changed logo to use an svg-image instead of .png	A7741A-1452
PROFIBUS	Bug fix	If no outputs were configured the device got stuck in PROFIBUS Fail Safe mode. This is now fixed.	A8033-45
Serial	Bug fix	RS485 driver remains active up to 1 character after end of frame, causing collision if a modbus slave device responds quicker than the specified 3.5 characters delay required by the modbus specification.	A7741D-3
Network	Bug fix	The Hostname settings were not applied correctly when modified using HMS IPconfig.	A7741B-442
Network	Other change	DHCP removed server id for INIT-REBOOT/RENEWING/REBINDING state.	A8074-56
Serial		Fixed a startup failure when RS485 lines A and B were swapped.	A8084-19
Serial		De-assert the DE signal more accurately for RS485.	A8084-20
WEB		Arrow (->) in endian swaps not shown correctly in Safari/Apple.	A7741A-1419
WEB		Corrected incorrect width of the Event log page.	A7741A-1420
WEB		Removed I/O size for serial network on the Home view	A7741A-1433
WEB		Changed so that branding colors are read from branding css-file.	A7741A-1434
WEB		Added bundling of Roboto font.	A7741A-1435
WEB		The serial log column for errors is consistently titled "Errors".	A7741A-1399
WEB		Added translation for min/max I/O size error.	A7741A-1402

### 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.*