



Anybus[®] Communicator[™]

Select the network version!

For serial RS-232/422/485 devices
using Modbus RTU/DF1/ASCII or any
vendor specific protocol

RS-485 DF1 Custom specific
Produce/Consume
Modbus RTU
ASCII Request/Response
RS-232

Anybus Communicator - Lonworks

Integrate your Modbus serial RS-232/422/485 based industrial devices and equipment to a LONWORKS control system without the need for any changes to the device. Just connect, configure and you're done!

The Anybus Communicator is a proven and trusted protocol converter gateway that connects non-networked industrial devices and equipment on a Modbus RTU network to Lonworks.

CONVERT CLASSIC MODBUS REGISTERS FOR I/O DATA

The gateway makes it possible to convert Modbus registers data to LonWorks Variables (SNVT"s and/or UNVT"s). You can create a set of variables according to LonMark functional Profiles or you can create your own set of variables with User defined Network Variables (UNVT"s).

The Communicator is slave a on the Modbus RTU side. This means that you connect this to a Modbus network which has a Modbus RTU Master connected. The configuration requires no programming and is made by an included configuration tool in Windows environment.

The Communicator is slim stand-alone gateway designed for IP20 and DIN-rail mounting, requiring a 24-volt power supply. The Communicator is conformance tested to current Lonworks specifications guaranteeing network compatibility.



Features and benefits

- Saves machine builders and device manufacturers of integrating a Lonworks interface
- Unique gateway that can integrate industrial devices with serial Modbus-RTU into Lonworks based building control systems
- Requires no hardware or software changes to be made to the connected device
- Performs complete serial protocol conversion, no PLC function blocks required
- Intelligent I/O data mapping within the Communicator permits even devices with slow serial communication can be integrated without any restrictions to the upper network
- Always free technical support from HMS and our global Anybus Distributors

Technical specifications

Dimensions (L•W•H)	120 x 75 x 27mm or 4,72 x 2,95 x 1,06"
Weight	150g or 0,33 lbs
Operating temperature	0 to +55 °C or 0 to +131 °F
Storage temperature	-40 to +85 °C or -40 to +185 °F
Power supply	24 VDC
Current consumption	max. 200mA (Typical 100mA)
Serial application Interface	Selectable RS-232, RS-422, RS-485
Max stations	31 nodes via RS-422 or RS-485
Galvanic isolation	On both serial and BUS/Ethernet side
Mechanical rating	IP20, NEMA rating 1
Mounting	DIN-rail (EN 50022 standard)
Protocol: Modbus RTU	Modbus RTU Slave
Certifications	CE, CULUS, ATEX/Haz.Loc

Ordering Information

ORDER CODE: AB7009

INCLUDED COMPONENTS:

- Quick start documentation
- Configuration program LWTool
- D-sub connector with screw terminals for serial sub-network
- Configuration software available for download
- (Power supply not included)

OPTIONAL ACCESSORIES:

- USB-RS-232 configuration adapter (Order Code: 019570)

GUARANTEE: 3 years

For purchasing instructions and terms and conditions, see: → [How to buy](#)