



司騰達股份有限公司
BHP Industry Solution

PROFINET

EtherCAT

EtherNet/IP

CC-Link

Modbus

PROFIBUS

CANopen

HMS Connecting Devices

VPN

Now with ...
CPC UA

X-Gateway

DeviceNet

WiFi



司騰達股份有限公司

HMS 台灣總代理 – Remote Access 跨國遠端連線與自動化工業的最佳選擇

司騰達公司致力於推廣數位化工廠和 IIoT 工業物聯網的解決方案，並與歐洲最先進的公司 – HMS 集團合作，同時透過引進更多歐美的技術能量，提供客戶關於工業 4.0 的顧問諮詢服務，並將教育與產業連結，協助台灣產業逐步完成從現場設備、生產資訊、通訊 IoT 的垂直整合，並整合 M2M 工業總線與軟體開發，從而實現數位化工廠與自動化機械領域的創新。



司騰達聯絡訊息

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Anybus Communicator - EtherCAT

Integrate your serial RS-232/422/485 based industrial devices and equipment to a EtherCAT 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 to EtherCAT. The gateway performs an intelligent protocol conversion and presents the serial data to the Master PLC/Controller as easily processed I/O data.

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 EtherCAT specifications guaranteeing network compatibility.

CONVERT ALMOST ANY TYPE OF SERIAL PROTOCOL

The Communicator is capable of converting almost any type of serial protocol such as Modbus RTU, ASCII, DF1 or any other type of proprietary Query/Response or Produce/Consume protocol.

TYPICAL SERIAL APPLICATIONS

Typical serial applications include variable frequency drives, sensors, actuators, human machine interfaces, barcode readers, RFID readers and industrial scales among others.



FEATURES & BENEFITS

Convert almost any RS-232/422/485 Request/Response or Produce/Consume protocol in just a few minutes — For example Modbus RTU, ASCII, DF1.

Pre-defined for Modbus RTU. Avoid the hassle of scripting and serial Modbus frame building with the 6-step Modbus RTU wizard.

No hardware or software changes are required for the connected automation device

Compatible with PLCs from leading manufacturers such as Siemens, Rockwell, Schneider Electric etc

Complete protocol conversion performed by the Communicator, no PLC function blocks required

Handy Save/Load function means a completed configuration can be re-used for many other installations

Included "Anybus Configuration Manager" with flexible serial frame building capabilities

Versions with Dual Port switched Ethernet allows for daisy chaining and eliminates the need for external switches

Global free technical support and consultancy

SERIAL FEATURES

No high level programming skills are needed to set up the Anybus® Communicator as configuration is accomplished using the included, easy to use Windows™ based ACM (Anybus Configuration Manager).

Selectable RS-232/422/485 interface

Pre-defined 6-step Modbus-RTU configuration wizard

Selectable pre-loaded DF1 commands. No scripting or serial frame building required!

Ability to configure ASCII or vendor specific protocols (Request/Response or Produce/Consume via a visual frame building interface

Multi-language support for English, German, Spanish, Italian, French, Polish, Russian, Chinese and Japanese

Handy Save/Load function allows for a completed configuration to be re-used for many other installations

Password protection prevents unauthorized upload and download of configurations

Serial Line Listener and In-built Checksum calculations for diagnostic and troubleshooting

ETHERCAT INTERFACE FEATURES

Supports CANopen over EtherCAT
DS301 v4.02 profile compliant
Max 512 bytes Input and 512 bytes I/O data as (SDO & PDO objects)
Segmented SDO access, PDI Watchdog
4 FMMU Channels
100 Mbit/s operation in full duplex
TCP/IP settings configurable with web-page, Configuration Tool, DHCP or ARP
Integrated switch allowing for a daisy-chain topology
Dual RJ-45 network connectors

TECHNICAL SPECIFICATIONS COMMUNICATOR RS-232/422/485

Protocol	Configurable RS-232/422/485 based produce/consume, query/response ASCII
Max stations	31 (with RS485/422)
Baud rate	1,2-57,6 kbit/s
Physical standards	RS232/422/485
Modbus Commands	0x01 Read Coils, 0x02 Read Discrete Inputs, 0x03 Read Holding Registers, 0x04 Read Input Registers, 0x05 Write Single Coil, 0x06 Write Single Register, 0x07 Read Exception Status, 0x08 Diagnostics, 0x0B Get Comm Event Ctr, 0x0C Get Comm Event Log, 0x0F Write Multiple Coils, 0x10 Write Multiple Registers, 0x11 Report Slave ID, 0x14 Read File Record, 0x15 Write File Record, 0x16 Mask Write Register, 0x17 Read/Write Multiple Registers, 0x18 Read FIFO Queue Customized commands can be created (in the Anybus Configuration Manager)
DF1 Services	0x01 Integrity Check, 0x02 Read Diagnostics, 0x03 Read Data, 0x04 Write Data Customized services can be created (in the Anybus Configuration Manager) Technical Details Standard

TECHNICAL DETAILS

Dimensions (L x W x H) with serial and power connector	120 x 75 x 27 mm 4,72 x 2,95 x 1,06"	
Weight	150 grams, 0.33 lb	
Protection class	IP20 Nema rating 1	
Enclosure material	I PC ABS, UL 94	
Installation position	Any	
Mounting	DIN rail (35 * 7,5/15)	EN50022

CERTIFICATIONS

UL	File number: E203225	UL 508 Ind. Cont. Eq.
Hazardous Locations	CLASS 1, DIVISION 2, GROUPS A, B, C AND D, T4	ISA 12.12.01
CE	2004/108/EC	EN 61000-6-4 EN 61000-6-2

ELECTRICAL CHARACTERISTICS

Power	24 VDC +/- 10 %
Current consumption	Max 300 mA, Typical 100 mA

ENVIRONMENTAL CHARACTERISTICS

Reverse voltage protection	Yes	
Short circuit protection	Yes	
Galvanic isolation on subnetwork	Yes	EN 60950-1
MTTF	>550 000 h	Telcordia Issue 2, Method 1 Case 3 at 30 o C

HARDWARE CHARACTERISTICS

Operating temp	0 to 55 o C, 32 to 131 o F
Storage temp	-40 to 85 o C, -40 to 185 o F
Relative Humidity	0-95% non condensing
Installation altitude	up to 2 000 m

IMMUNITY AND EMISSION FOR INDUSTRIAL ENVIRONMENT

Electrostatic discharge	+/- 4 kV	EN 61000-4-2
Electro magnetic RF fields	10 V/m 80 MHz - 1 GHz 3 V/m 1,4 GHz - 2,0 GHz 1 V/m 2,0 GHz - 2,7 GHz	EN 61000-4-3
Fast Transients	+/- 1 kV	EN 61000-4-4
Surge protection	+/- 1 kV	EN 61000-4-5
RF conducted interference	10 V/rms	EN 61000-4-6
Emission (at 10 m)	40 dB 30 MHz - 230 MHz 47 dB 30 MHz - 1 GHz	CISPR 16-2-3

Content of delivery

Configuration Cable (RS232) Port
Installation sheet
Dsub with screw terminals for sub network

Ordering Information

ORDER CODE: AB7061

INCLUDED COMPONENTS:

- Quick start documentation
- Configuration cable (RS-232) is supplied with every single-piece Communicator shipment
- D-sub connector with screw terminals for serial sub-network is supplied with every single-piece Communicator shipment
- 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](#)

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司騰達股份有限公司

自動化工業與跨國遠端連線的最佳選擇

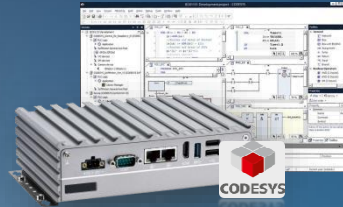
Ewon Flexy205
VPN+IOT 物聯網



Anybus X-Gateway



CODESYS SoftPLC



物聯網可視化平台
Jmobile Runtime IPC



工業 4.0 數位工廠與 工業物聯網解決方案

i4-SCADA IPC



SIEMENS PLC
S7-1200



SIEMENS PLC
ET 200SP IO



SIEMENS PLC
S7-1500



SIEMENS HMI

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