![Anybus® BY HMS NETWORKS]

Anybus CompactCom 40
Brick EtherNet/IP IIoT Secure

Item number: AB6690-C

Anybus CompactCom 40 EtherNet/IP IIoT Secure is a communication interface that can be embedded into any industrial device or machine to enable communication with EtherNet/IP and IIoT protocols. The pluggable design enables integration late in the assembly process, the addition of specific network connectors, and compliance with protection class requirements.

Enable communication between industrial devices, EtherNet/IP & IIoT protocols

Features and benefits

High performance

Powered by the award-winning NP40 network processor, the Anybus CompactCom guarantees fast data transfer and low latency, making it ideal for the most demanding industrial applications.

Quick time to market

HMS provides comprehensive support throughout the integration journey, ensuring a quick time to market.

Life cycle management

HMS maintains every part of the Anybus CompactCom, including network updates, throughout the product's lifecycle.

Fully embedded – meet IP requirements

The brick can be fully embedded within your product, conserving valuable space, and enabling you to provide IP class-certified protection.

Reap the benefits of IIoT

Use OPC UA or MQTT to easily pass data to higher-level systems for analysis and reap the benefits of IIoT, such as predictive maintenance or optimization of devices and machines.

Supports hardware changes

Possible to swap or install late in the manufacturing process.

Versatile Event-Based Hardware Interfaces

Enjoy fast and flexible event-based application hardware interfaces with the option to choose from 8/16-bit parallel or high-speed SPI, and I/O via the shift register interface.

ODVA pre-certified

Pre-certified with ODVA for network compliance, enabling faster network certification.

Design flexibility

Add your own connectors and peripherals, offering design flexibility that matches your unique needs.

Robust Security Measures

Mandatory software signatures prevent unauthorized downloads to the Anybus CompactCom, while robust encryption techniques safeguard against illicit copying.

Advanced security measures

Prioritizing security, it incorporates IEEE 802.1AR compliance, a security chip, secure boot, root of trust, and employs secure protocols for encrypting data exchanges.

![HMS logo]

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Identification and Status

Product ID	AB6690-C
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	3A991.a.2

General

Net Width (mm)	36
Net Height (mm)	8
Net Depth (mm)	36
Net Weight (g)	25
Packed Width (mm)	8
Packed Height (mm)	3
Packed Depth (mm)	8
Packed Weight (g)	25
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Input Voltage (V)	3.3 VDC, +/- 0.15 VDC
Application Interface	8/16-bit parallel (30 ns access) High speed SPI, baudrate configurable up to 20 MHz I/O (shift register interface, cyclical update time 82 µs) UART (for backwards compatibility with 30-series, max 625kbps)
Content of Delivery	CompactCom B40 module

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General

Mounting	PCB mounting via a customized CompactFlash connector
Warranty (years)	1 year

Physical Features

Form Factor	Brick (pluggable)