



CC-Link News



High performance RFID solutions for CC-Link open networks from Balluff

Modern production and materials handling applications demand high performance contact free communications. With over twenty years experience in RFID, leading sensor specialist Balluff has introduced CC-Link network connectivity to its range of high performance BIS-M Series devices.

In conjunction with CC-Link, Balluff's BIS-M Series meets the demand for high speed, long distance data transfer, as well as:

- o 100% data security
- o Consistent error prevention
- o Secure process control
- o Reliable traceability
- o Optimized production

The CC-Link fieldbus protocol ensures quick, robust communication between different stations, allowing the new BIS M-699 processor to be used directly on the network. Conformity with standards ISO 15693 and ISO14443 as use of the globally approved frequency of 13.56 MHz means the combination can be used worldwide.

Balluff also offers a complete RFID solution: special data carriers optimised for flush installation in metal, and operating temperatures up to 200 °C. Read/write distances up to 150mm open up fields of application in virtually all sectors within the industry.



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Features

- o Flexible use due to a wide range of different combinations of data carriers and antennas
- o Up to two antennas per processor
- o Tested quality with CC-Link certificate
- o Save time: connector-based cabling, robust housing that is easy to install, preassembled function modules and diagnostics function that enable easy commissioning



It works where you work

Series	BIS M-699
Description	Processor
Ordering code	BIS00LY
Part number	BIS M-699-052-050-03-ST11
Antenna ports	2
Standards	ISO 15693/14443
Interface	CC-Link
Degree of protection as per IEC 60529	IP 65
Housing material	Metal

About the CLPA

The CC-Link Partner Association (CLPA) is an international organisation with over 1,300 member companies. The partners' common objective is promotion of the technical development and adoption of the standardised network technologies CC-Link, CC-Link Safety, and CC-Link IE Gigabit Industrial Ethernet.

Over 1,000 certified products are now available for the CC-Link network family from over 220 manufacturers worldwide. Seven million CC-Link devices are installed, increasing at over one million per year

CC-Link is now the leading industrial fieldbus protocol in Asia and it is becoming increasingly popular in Europe and America as well. In addition to its European headquarters in Ratingen, Germany, the CLPA also has four regional offices in England, Poland, Turkey and the Ukraine.