

Fieldbus interface, processor unit and antenna in one compact device

## ALL-IN-ONE READ/WRITE SOLUTION WITH ETHERNET/IP INTERFACE

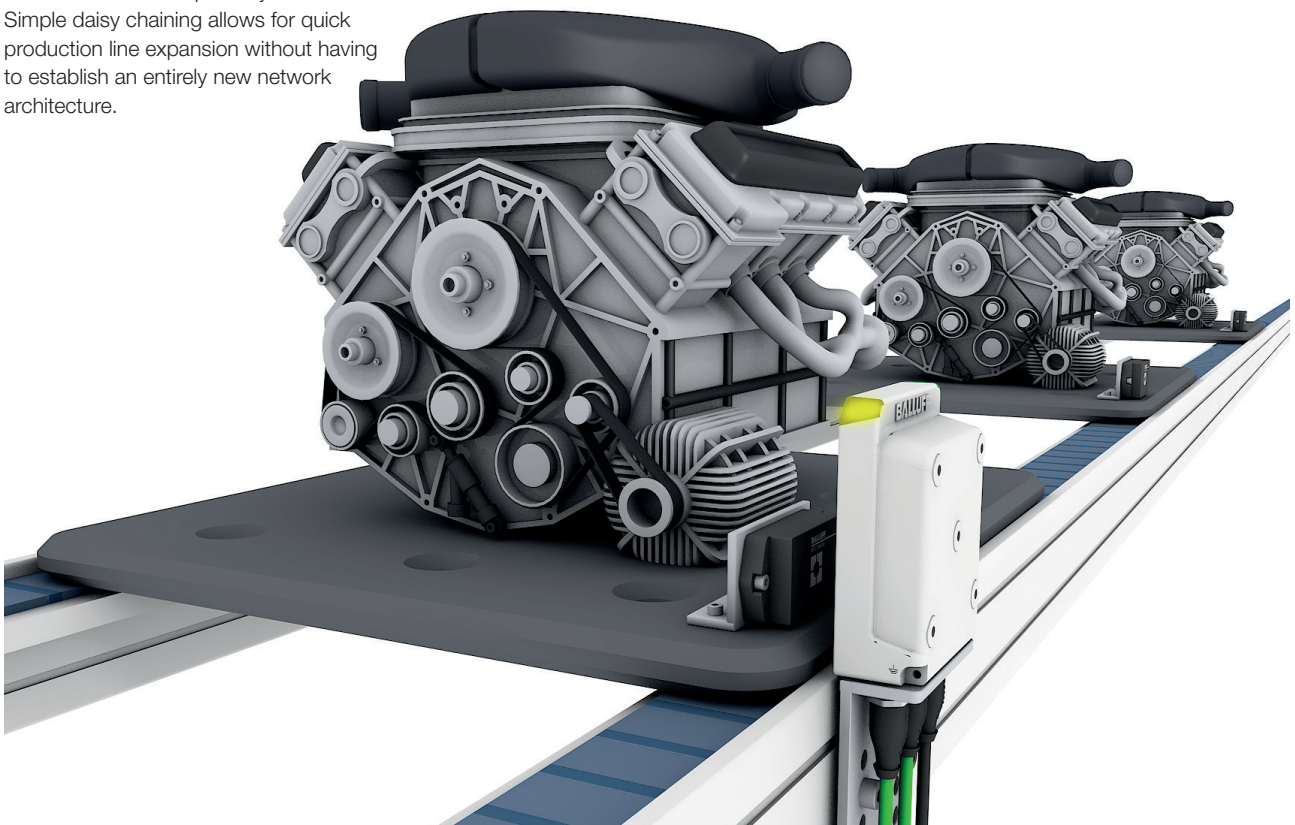
Supports DIN ISO15693 tags as well as high-memory and high-speed data carriers

The all-in-one solution with Ethernet/IP interface is a processor and antenna in one compact device. The system helps create process visibility while saving time, space, and unnecessary cost. For example in assembling high-value goods in aggregate construction. This provides production security, enables fast correction runs and prompt adjustments when requirements change. RFID systems record every process step – all the production parts used, all materials and process fluids including time, location and sequence. This execution-, process- and origin information are automatically documented and are available in real time. These data are sent to the BIS M-4006 reader and from there to the PLC.

The BIS M-4006 reader is the most scalable and future proof system available. Simple daisy chaining allows for quick production line expansion without having to establish an entirely new network architecture.

### Features

- Save time, space and start-up cost with direct Ethernet/IP connection
- Status LEDs for quick trouble shooting and short downtimes
- Simple network integration with integrated 2-port switch, supports RT and IRT
- Can be installed directly on metal – rugged zinc die-case housing
- IP 67 for use in harsh industrial environments
- Integrated web server for diagnostics and reading/writing



**EtherNet/IP™**  
RFID READER WITH ANTENNA



	BIS018A	BIS018C
Dimension	119 × 80 × 35 mm	119 × 80 × 35 mm
Housing material	Cast zinc coated and PC	Cast zinc coated and PC
Transmission frequency	13.56 MHz	13.56 MHz
Interface	Ethernet/IP: IRT-capable 2-port switch	Ethernet/IP: IRT-capable 2-port switch
Antenna type	Round	Rod
Weight	410 g	490 g
Degree of protection per IEC 60529	IP67 (with connectors)	IP67 (with connectors)
Connection configuration	Power	M12 male, 4-pin
	Ethernet/IP In	M12 female, 4-pin, D-coded
	Ethernet/IP Out	M12 female, 4-pin, D-coded
Ambient temperature	0...+70 °C	0...+70 °C
Storage temperature	-20...+85 °C	-20...+85 °C
Supported standard	ISO 15693	ISO 15693

ACCESSORIES



	BAM01AY	BAM024T	BAM024P	BAM021T
Description	Mounting holder	Sensor holder	Base holder	Mounting rod 200 mm

Other lengths available

CONNECTORS



	BCC032H	BCC04K2	BCC04K8
5 M CABLE	BCC032H	BCC04K2	BCC04K8
10 M CABLE	BCC032J	BCC04K3	BCC04K9
Use	Power cable	Ethernet TCP/IP	Ethernet TCP/IP
Description	M12 female, straight	M12 male, straight/ M12 male, straight	M12 male, straight/ RJ45, straight

Other cable lengths available