

ID-engine ZB Brick - orderable items

Standard products from stock

Besides the standard products listed below, we offer plenty of cost-optimized variants (e.g. without Bluetooth) or special-feature variants (e.g. UART 3V3, I2C interface, potted version) to match your application requirements.

The minimum order quantity is 100 pcs for such non-standard variants.

Product variant feature overview

Article no. Identifier

ISO/MIFARE product line desktop reader

Article no.	Identifier	13.56 MHz & NFC	125 kHz	Bluetooth	SAM slot	USB	UART RS-232	UART 5 V CMOS	Ethernet	RS-485/Wiegand	Potted/IP55
10115-100-20	IDE-ZB-HF-U	x				x					
10115-610-20	IDE-ZB-MFB-S-U	x	x	x	x	x					

ISO/MIFARE product line Brick Set: desktop reader self-assembly kit

10115-100-21	IDE-ZB-HF-U Set	x				x					
10115-610-21	IDE-ZB-MFB-S-U Set	x	x	x	x	x					
10115-611-21	IDE-ZB-MFB-S-U2 Set	x	x	x	x	x	x				

LEGIC product line desktop reader

10117-500-20	IDE-ZB-L2M-U	x				x					
10117-810-20	IDE-ZB-ML2MB-S-U	x	x	x	x	x					

LEGIC product line Brick Set: desktop reader self-assembly kit

10117-500-21	IDE-ZB-L2M-U Set	x				x					
10117-810-21	IDE-ZB-ML2MB-S-U Set	x	x	x	x	x					
10117-811-21	IDE-ZB-ML2MB-S-U2 Set	x	x	x	x	x	x				

Special version based on LEGIC SM4500 including card segmentation feature:

10117-912-21	IDE-ZB-ML5MB-S-U5 Set	x	x	x	x	x	x				
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Related accessories

Add HID iCLASS SE/SR/Seos functionality to #10115-x1x-xx ISO/MIFARE variants

10118-001-01 SAM HID iCLASS SE Processor

UART cable with power supply

30101-001-04 CB-DB9F-MX5 4-core UART cable with integrated DC socket in 9-pin D-Sub socket housing

5 V power supply options compatible with UART cable

30101-001-11 CB-USB-A-DC 5.5/2.1mm USB DC adapter cable; length 0.8m

30501-001-01 Plug-in power supply EU 90...260VAC/5VDC 1A plug 2.1/5.5 mm

Maintenance function cards

60420-001-02 AdrCard

60401-001-02 ConfigCard V2, blank (compatible with BEC, BEC2, and BALCFG files)

60500-001-01 LicenseCard Prox (HID Prox, Indala, Keri) - Standard

60500-002-01 LicenseCard Prox (HID Prox, Indala, Keri) - SE. SAM HID iCLASS SE Processor needed

All standard products are available in 2 basic product lines: ISO/MIFARE and LEGIC. LEGIC cards require the reader to use a proprietary RFID frontend chip (LEGIC SM4200) to access their memory. In comparison to ISO/MIFARE, the LEGIC product line cannot support NFC card emulation mode, certain ISO 1593 cards, as well as HID Seos due to incompatibility of the HID iCLASS SE Processor with the LEGIC frontend chip.

