

Supported Card Types



Legend:

- ✓: default reading from stock/feature supported
- B: raw binary data
- C: configuration required
- F: special firmware required
- H: hash value
- L: license required. **DISABLES ACCESS200 Wiegand interface.**
- R: read only; write on request
- * full feature support by new standard firmware to be released soon
- ** only plain access

1) not supported with ID-engine Brick Ethernet 10091-3xx-yy

UID (chip serial number) reading (Autoread)	Programmed card number plain (Autoread)	Programmed card number encrypted (Autoread)	Encrypted card number with SAM option (Autoread)	Low Level Access	VHL Select (reads UID), VHL Select Cardtype	VHL Read/Write	VHL Format (Card encoding)
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Frequency	ISO	ID	LE	Supported Card Types														
				UID	PN	PE	EN	LLA	VHL S	VHL R/W	VHL F							
125 kHz	10097-1xx-yy	ATMEL ATA5575M1 Unique Format		✓	✓					✓	✓	✓	✓					
		ATMEL ATA5575M2	F	F						F	F	F	F					
		ATMEL ATA5577xx/ATA5551xx	F	F						F	F	F	F					
		AWID Proximity/LF	✓	✓							✓	✓	✓	✓				
		Cardax	C	C						F	F	C	C					
		CASI-RUSCO	✓	✓							✓	✓	✓	✓				
		Cotag (see 1))	✓	✓							✓	✓	✓	✓				
		Deister	✓	✓							✓	✓	✓	✓				
		EM 4100/EM 4102/EM 4005/EM 4105/EM 4200	✓	✓							✓	✓	✓	✓				
		EM 4205/EM 4305	✓	✓	C	C					✓	✓	✓	✓	✓	✓		
		EM 4450/EM 4550	✓	✓	C	C					✓	✓	✓	✓	R	R		
		EM4582	F	F							F	F	F	F				
		FDX-B	F	F							F	F	F	F				
		G-Prox	✓	✓							✓	✓	✓	✓				
		HID Prox	L	L							L	L	L	L				
		HITAG 1	✓	✓	C	C					✓	✓	✓	✓	✓	✓		
		HITAG 2	✓	✓							✓	✓	✓	✓				
		HITAG S	✓	✓	C	C					✓	✓	✓	✓	✓	✓		
		IDTECK (see 1))	✓	✓							✓	✓	✓	✓				
		Indala ASP+	H	L	H	L					L	L	L	L				
		Indala ASP	B	L	B	L					L	L	L	L				
		ioProx	✓	✓							✓	✓	✓	✓				
		Keri	L	L							L	L	L	L				
		Miro	✓	✓							✓	✓	✓	✓				
		Pyramid	✓	✓							✓	✓	✓	✓				
		QuadraKey	✓	✓							✓	✓	✓	✓				
	Rosslare	✓	✓							✓	✓	✓	✓					
	SecuraKey	✓	✓							✓	✓	✓	✓					
	Sokymat UNIQUE	✓	✓							✓	✓	✓	✓					
	Titan	F	F							F	F	F	F					
	Zodiac	F	F							F	F	F	F					
	13.56 MHz	10097-1xx-yy	MIFARE Classic (1k, 4k, Mini), -EV1	✓	✓	C	C	C	F	✓	✓	✓	✓	✓	✓	✓		
			MIFARE DESFire, -EV1 (2k, 4k, 8k), -EV2	✓	✓	C	C	C	F	F	✓	✓	✓	✓	✓	✓		
			MIFARE Plus (-S, -X, L1, L2, L3), -EV1*	✓	✓	C	C	F	F	✓	✓	✓	✓	✓	✓	✓		
			MIFARE Ultralight, -C	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	F	F	
			NXP NTAG21x	✓	✓	F	F				✓	✓	✓	✓	✓	F		
			ISO 14443 Type A general (examples below):	- Rijkspas	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	
				- NFC Forum Type 1-4 Tag	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	
				- NXP ProX	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	
				- NXP SmartMX	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	
				- OneSMART PayPass	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	
				- Infineon my-d proximity	✓	✓	F	F				✓	✓	✓	✓	✓	F	F
				ISO 14443 Type B general (examples below):	- Calypso	✓	✓	F	F	F	F		✓	✓	✓	✓	✓	✓
					- CEPAS	✓	✓	F	F	F	F		✓	✓	✓	✓	✓	✓
- SRI512/SRT512					✓	✓	F					✓	✓	✓	✓	✓	✓	
FeliCa					✓	✓	C		F			✓	✓	✓	✓	✓	✓	
ISO 15693 general (examples below)				- EM4033, 4035	✓	✓	C	C	F	F		✓	✓	✓	✓	✓	✓	
				- Infineon my-d vicinity	✓	✓	C	C				✓	✓	✓	✓	✓	✓	
			- NXP ICODE	✓	✓	C	C				✓	✓	✓	✓	✓	✓		
			- Tag-it HF-I	✓	✓	C	C				✓	✓	✓	✓	✓	✓		
			Fujitsu MB89R118, -119 (ISO15693 FRAM)	✓	✓	C					✓	✓	✓	✓	✓	✓		
			LEGIC prime	✓	✓			C			✓	✓	✓	✓	✓	✓		
			LEGIC advant ISO 14443	✓	✓			C			✓	✓	✓	✓	✓	✓		
			LEGIC advant ISO 15693	✓	✓			C			✓	✓	✓	✓	✓	✓		
HID iClass, SEOS UID enabled, Inside PicoPass			✓	✓							✓	✓	✓	✓	✓	✓		
			✓	✓							✓	✓	✓	✓	✓	✓		
HID iClass, iClass SR			✓	✓							✓	✓	✓	✓	✓	✓		
		✓	✓							✓	✓	✓	✓	✓	✓			
SAM HID SE Processor ²		✓	✓							✓	✓	✓	✓	✓	✓			
NXP SAM AV3		HID iClass, SR, SEOS (SEprocessor, not provided!)	✓	✓			C	F		✓	✓	✓	✓	F	F			
		MIFARE Classic, Plus, DESFire	✓	✓						✓	✓	✓	✓	✓	✓			

² Available individually (#10118-001-01) or integrated in reader (see pricelist for respective article numbers)