

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

¹ VHL Read/Write not supported by Ethernet firmware

² Only plain access

³ Not supported with ID-engine XE 10091-3xx-yy

⁴ Physical access to card type

⁵ Number sent when card is selected; may also be a random ID

⁶ Number sent when card is selected; readability of random IDs must be checked individually

⁷ Access without authentication

UID ⁵ (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 card type and read UID ⁵	
VHL Read/Write	VHL Format (Card encoding)

Product	Supported Transponder Types	ISO		LEGIC		ISO		LEGIC		ISO		LEGIC		ISO		LEGIC		ISO		LEGIC		ISO		LEGIC	
		ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC	ISO	LEGIC
125 kHz	ATMEL ATA5575M1 Unique Format	✓	✓																						
	ATMEL ATA5575M2	F	F																						
	ATMEL ATA5577xx/ATA5551xx	✓	✓																						
	AWID Proximity/LF	✓	✓																						
	Cardax	C	C																						
	CASI-RUSCO	✓	✓																						
	Cotag ³	✓	✓																						
	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																						
	FDX-B	✓	✓																						
	G-Prox	✓	✓																						
	HID Prox	L	L																						
HITAG 1	✓	✓	C	C																	✓ ²	✓ ²			
HITAG 2	✓	✓																							
HITAG S	✓	✓	C	C																		✓ ²	✓ ²		
IDTECK ²	✓	✓																							
Indala ASP+	H, L	H, L																							
Indala ASP	B, L	B, L																							
ioProx	✓	✓																							
Keri	L	L																							
Miro	✓	✓																							
Pyramid	✓	✓																							
QuadraKey	✓	✓																							
Rosslare	✓	✓																							
SecuraKey	✓	✓																							
Sokymat UNIQUE	✓	✓																							
Titan	F	F																							
Zodiac	F	F																							
MIFARE Classic (1k, 4k, Mini), -EV1	✓	✓			C	C	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MIFARE DESFire, -EV1 (2k, 4k, 8k), -EV2, -EV3	✓	✓	C	C	C	C	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MIFARE Plus (-S, -X, L1, L3), -EV1, -EV2	✓	✓			C	C	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MIFARE Ultralight, -C, -EV1 ¹	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NFC Forum Tag Types 2-5 ¹	✓	✓																							
ISO 14443 Type A general (examples below):	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
- Rijkspas	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):	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
- Calypso	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
- CEPAS	✓	✓	F	F	F	F	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
- SRI512/SRT512	✓	✓	F	F																					
Felica ⁷	✓	✓	C	C			F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ISO 15693 general (examples below)	✓	✓	C	C	F	F																			
- EM4033, 4035	✓	✓	C	C																					
- 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	✓	✓					C																		
SAM HID SE Processor ⁸	HID iClass, SR, SEOS (SE Processor, not provided!)	✓	✓					C	F													F	F		
NXP SAM AV3	MIFARE Plus, DESFire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

⁸ Available individually (#10118-001-01) or integrated in reader (see pricelist for respective article numbers)

Firmware 1100 version 2.00.07 and higher; for ID-engine XE (Ethernet): firmware 1094 version 1.03.00