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 except for Multi-HID products
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

Product						Supported Transponder Types	UID[6] (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	
							Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic	Multi/HF	Multi-/HF-Legic
125 kHz						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[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							F	F	F	F		
						Farpointe Pyramid	✓	✓							✓	✓	✓	✓		
						FDX-B	F	F							F	F	F	F		
						G-Prox	✓	✓							✓	✓	✓	✓		
						HID Prox	L	L							L	L	L	L		
						HITAG 1	✓	✓	C	C					✓	✓	✓	✓	✓[2]	✓[2]
						HITAG 2	✓	✓							✓	✓	✓	✓		
						HITAG S	✓	✓	C	C					✓	✓	✓	✓	✓[2]	✓[2]
						IDTECK[3]	✓	✓							✓	✓	✓	✓		
						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	✓	✓							✓	✓	✓	✓		
						QuadraKey	✓	✓							✓	✓	✓	✓		
						Rosslare	✓	✓							✓	✓	✓	✓		
						SecuraKey	✓	✓							✓	✓	✓	✓		
						Sokymat UNIQUE	✓	✓							✓	✓	✓	✓		
						Titan	F	F							F	F	F	F		
						Zodiac	F	F							F	F	F	F		
13.56 MHz						MIFARE Classic (1k, 4k, Mini), -EV1	✓	✓			C	C	F		✓	✓	✓	✓	✓	✓
						MIFARE DESFire, -EV1 (2k, 4k, 8k), -EV2, -EV3	✓	✓	C	C	C	C	F	F	✓	✓	✓	✓	✓	✓
						MIFARE Plus (-S, -X, L1, L3), -EV1, -EV2	✓	✓			C	C	F	F	✓	✓	✓	✓	✓	✓
						MIFARE Ultralight, -C, -EV1[1]	✓	✓	✓	✓	✓	✓	F	F	✓	✓	✓	✓	✓	✓
						NFC Forum Tag Types 2-5[4]									✓	✓	✓	✓	✓	✓
						ISO 14443 Type A general (examples below):	✓	✓	F	F	F	F	F	F	✓	✓	✓	✓		
						- Rijkspas	F	F			F	F	F	F	✓	✓	✓	✓		
						- NFC Forum Type 1-4 Tag	✓	✓	F	F	F	F	F	F	✓	✓	✓	✓		
						- NXP ProX	✓	✓	F	F	F	F	F	F	✓	✓	✓	✓		
						- NXP SmartMX	✓	✓	F	F	F	F	F	F	✓	✓	✓	✓		
						- OneSMART PayPass	✓	✓	F	F	F	F	F	F	✓	✓	✓	✓		
						- Infineon my-d proximity	✓	✓	F	F					✓	✓	✓	✓	F	F
						ISO 14443 Type B general (examples below):	✓		F		F		F		✓		✓			
						- Calypso	✓		F		F		F		✓		✓			
						- CEPAS	✓		F		F		F		✓		✓			
						- SRI512/SRT512	✓		F						✓		✓			
						FeliCa[7]	✓	✓	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					✓	✓		R
		HID iCLASS SE Processor[8]				HID iClass, SR, SEOS (SE Processor, not provided!)	✓	✓					C	F			✓	✓	F	F
	NXP SAM AV3					MIFARE Plus, DESFire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Multi-HID | HF | Muti | HF-Legic | Multi-Legic

[8] Available individually (#10118-001-01) or integraded in Multi-HID products (see price list for article numbers)

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