Transponder Matrix

Overview of technologies supported by sesamsec RFID devices

Standard device configuration

supports over 60 RFID technologies

sesamsec P option

The P option available for some sesamsec devices is a functional extension that enables the device to support further RFID technologies, i.e.:

G-Prox
HID Prox technologies
Indala
ioProx
Nexwatch

Unless otherwise agreed with sesamsec, each sesamsec RFID device is delivered with a standard firmware version that might be older than the latest firmware developed by sesamsec. The standard firmware version of a sesamsec device can be changed using sesamsec SecoTool. In addition, qualified integrators or end users can also request a specific firmware version on the sesamsec website.

This transponder matrix gives an overview of all RFID technologies supported by sesamsec RFID devices running with the **firmware version 4.80**.

Overview of sesamsec RFID devices

Access control readers	LF	HF / NFC	BLE	Frontend
Secustos SQ80 K LEGIC	•	•	•	LEGIC SM-6300
Secustos SQ80 LEGIC	•	•	•	LEGIC SM-6300
Time & Attendance terminal				
Sectime		•		LEGIC SM-4200

		Sectime Secustos SQ80 K LEGIC Secustos SQ80 LEGIC	
		standard	P option
13.56 MHz (HF)	**ISO 14443A**		
	HID MIFARE Classic SE		
	HID MIFARE DESFire SE		
	HID SEOS		
	LEGIC Advant	•	•
	NTAG2xx	•	•
	NXP MIFARE Classic	•	•
	NXP MIFARE Classic EV1	r/w enhanced security features on request	r/w enhanced security features on request
	NXP MIFARE DESFire EV1	•	•
	NXP MIFARE DESFire EV2/EV3	supported as part of the EV1 downward compatibility	supported as part of the EV1 downward compatibility
	NXP MIFARE DESFire Light	supported as part of the EV1 downward compatibility	supported as part of the EV1 downward compatibility
	NXP MIFARE Mini	•	•
	NXP MIFARE Plus S	•	•
	NXP MIFARE Plus X	•	•
	NXP MIFARE Smart MX	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	NXP MIFARE Ultralight	•	•
	NXP MIFARE Ultralight C	•	•
	NXP MIFARE Ultralight EV1	r/w enhanced security features on request	r/w enhanced security features on request
	SLE44R35	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	SLE66Rxx (my d-move)	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	Topaz		
	ISO 14443B		
	Calypso	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	Calypso Innovatron protocol		
	CEPAS	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	CTS		
	Pico Pass	UID only	UID only
	SRI4K		
	SRI512		
	SRIX4K		
	SRT512		
	ISO 15693		
	EM4x33	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	EM4x35	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	HID iCLASS Legacy/SR/SE		
	ICODE SLI	•	•
	LEGIC Advant	•	•
	M24LR16/64	•	•
	MB89R118/119		
	Pico Pass	UID only	UID only
	SRF55Vxx (my d-vicinity)	r/w in transparent data exchange mode	r/w in transparent data exchange mode
	Tag-it	•	•
	ISO 18092 / ECMA-340		
	NFC Forum Tag type 1		
	NFC Forum Tag type 2	•	•
	NFC Forum Tag type 3	•	•
	NFC Forum Tag type 4	•	•
	NFC Forum Tag type 5	•	•
	Sony FeliCa	UID + r/w public area	UID + r/w public area
	LEGIC Prime	•	•

	Secustos SQ80 K LEGIC Secustos SQ80 LEGIC	
125 kHz* (LF)	standard	P option
AWID	•	•
Cardax	Hash value only	Hash value only
CASI-RUSCO	•	•
Deister	Hash value only	Hash value only
EM4050	•	•
EM4100	•	•
EM4102	•	•
EM4150	•	•
EM4200	Only emulation of 4100/4102	Only emulation of 4100/4102
EM4305	•	•
EM4450	•	•
EM4550	•	•
G-Prox		Hash value only
HID 1326 Prox II		•
HID 1336 DuoProx II		•
HID 1346 ProxKey III		•
HID 1386 ISO Prox II		•
HID 1391 Micro Prox		•
HID Prox		•
HITAG 1/2/S	Without encryption	Without encryption
ICT	•	•
IDTECK	•	•
Indala		•
ioProx		•
ISONAS	•	•
Keri	•	•
Miro	•	•
Nedap	Hash value only	Hash value only
Nexwatch		•
Pyramid	•	•
Q5	•	•
T5557	•	•
T5567	•	•
T5577	•	•
TITAN (EM4050)	•	•
UltraProx	•	•
UNIQUE	•	•
ZODIAC	•	•

*125 kHz technologies require a local test and import license from the Russian Ministry of Trade and Industry (MINPROMTORC). This license has to be in place before ELATEC can accept any order to be shipped to Russia.