

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 4.72**.



Overview of sesamsec RFID devices

Access control readers	LF	HF / NFC	BLE	Frontend	
Secustos SQ80 K LEGIC	٠	٠	•	LEGIC SM-6300	
Secustos SQ80 LEGIC	٠	٠	٠	LEGIC SM-6300	
Time & Attendance terminal					
Sectime		•		LEGIC SM-4200	



			Sectime Secustos SQ80 K LEGIC Secustos SQ80 LEGIC		
			standard	P option	
		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	•	•	
	SO 14443A	NXP MIFARE DESFire EV2/EV3	supported as part of the EV1 downward compatibility	supported as part of the EV1 downward compatibility	
	144	NXP MIFARE DESFire Light	supported as part of the EV1 downward compatibility	supported as part of the EV1 downward compatibility	
	õ	NXP MIFARE Mini	•	•	
	<u>0</u>	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	
<u> </u>		Topaz			
13.56 MHz (HF)	ISO 14443B	Calypso Calypso Innovatron protocol	r/w in transparent data exchange mode	r/w in transparent data exchange mode	
ΗH		Calypso Innovatron protocol	r/w in transparent data exchange mode	r/w in transparent data exchange mode	
261		CTS		I/w in transparent data exchange mode	
13.4		Pico Pass	UID only	UID only	
		SRI4K	OID ONly	OID ONly	
		SRI512			
		SRIX4K			
		SRT512			
-	SO 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	•	•	
	6	M24LR16/64 •		•	
	Š	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	•	•	
	0 N	NFC Forum Tag type 4	•	•	
_	ΩШ	NFC Forum Tag type 5	• LID + r/w public cros		
		Sony FeliCa LEGIC Prime	UID + r/w public area	UID + r/w public area	
		LEGIC Prime	•	•	



		Secustos SQ80 K LEGIC Secustos SQ80 LEGIC	
		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		•
(LF)	HID 1346 ProxKey III		•
	HID 1386 ISO Prox II		•
	HID 1391 Micro Prox		•
125 kHz*	HID Prox		•
5 ×	HITAG 1/2/S	Without encryption	Without encryption
12	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.

sesamsec GmbH Finsterbachstrasse 1 • 86504 Merching • Germany P +49 8233 79445-0 F +49 8233 79445-20 info@sesamsec.com • sesamsec.com

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