

((●●)) ELATEC RFID readers		Multi-frequency readers (125 kHz + 134.2 kHz + 13.56 MHz + NFC + Bluetooth Low Energy)					
Options →		Option Standard	Option P	Option PI	Option Standard	Option P	
with antenna →		MT LF+HF, SmartCard MT 2 BLE, MT 2 LF+HF	MT LF+HF P, SmartCard P MT 2 BLE P, MT 2 LF+HF P	MT LF+HF PI, Smart Card PI MT 2 BLE PI, MT 2 LF+HF PI	MT LEGIC LF+HF SmartCard LEGIC	MT LEGIC LF+HF P SmartCard LEGIC P	
		MT 3 BLE, MT 3 LF+HF USB Front Reader	MT 3 BLE P, MT 3 LF+HF USB Front Reader P	MT 3 BLE PI, MT 3 LF+HF USB Front Reader PI	MT3 LEGIC BLE, MT3 LEGIC LF+HF, USB Front Reader LEGIC	MT3 LEGIC BLE P, MT3 LEGIC LF+HF P, USB Front Reader LEGIC P	
		Palon Compact M/Panel/Wall, Palon Square M	Option P Palon Compact M/Panel/Wall, Palon Square M	Option PI Palon Compact M/Panel/Wall, Palon Square M	Palon Compact LEGIC M/Panel/Wall	Option P Palon Compact LEGIC M/Panel/Wall	
		Slim	Slim-P	Slim-PI	Slim LEGIC	Slim LEGIC P	
without antenna →		Core	Core P	Core PI	Core LEGIC	Core LEGIC P	
		Nano	Nano P	Nano PI	Nano LEGIC	Nano LEGIC P	
13.56 MHz	IS014443A	LEGIC Advant	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓	✓
		MIFARE Classic, Mini	✓ ¹⁾	✓	✓	✓	✓
		MIFARE Classic EV1	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾
		MIFARE DESFire Light	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾
		MIFARE DESFire EV1	✓	✓	✓	✓	✓
		MIFARE DESFire EV2/EV3	✓ ¹³⁾	✓ ¹³⁾	✓ ¹³⁾	✓ ¹³⁾	✓ ¹³⁾
		MIFARE Plus S, X	✓	✓	✓	✓	✓
		MIFARE Pro X	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		MIFARE Smart MX	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		MIFARE Ultralight	✓	✓	✓	✓	✓
		MIFARE Ultralight C	✓	✓	✓	✓	✓
		MIFARE Ultralight EV1	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾
		NTAG2xx	✓	✓	✓	✓	✓
		SLE44R35	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		SLE66Rxx (my-d move)	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		Topaz	✓	✓	✓	✓	✓
	IS014443B	HID iCLASS SEOS	✓ ¹⁾	✓ ¹⁾	✓ ¹⁰⁾	✓ ¹⁾	✓ ¹⁾
		Calypso	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		Calypso Innovatron protocol	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		CEPAS	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		HID iCLASS	✓ ¹⁾	✓ ¹⁾	✓	✓ ¹⁾	✓ ¹⁾
		CTS	✓	✓	✓	✓	✓
		Moneo	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		Pico Pass	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ¹⁾	✓ ¹⁾
		SRI4K, SRIX4K	✓	✓	✓	✓	✓
		SRI512, SRT512	✓	✓	✓	✓	✓
	ISO18092/ ECMA-340	NFC Forum Tag Type 1-5	Type 1-5	Type 1-5	Type 1-5	Type 2-5	Type 2-5
		NFC Peer-to-Peer	✓	✓	✓	✓	✓
	IS015693	Sony FeliCa	✓ ⁵⁾	✓ ⁵⁾	✓ ⁵⁾	✓ ⁵⁾	✓ ⁵⁾
		EM4x33	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		EM4x35	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾
		HID iCLASS	✓ ¹⁾	✓ ¹⁾	✓	✓ ¹⁾	✓ ¹⁾
HID iCLASS SE/SR/Elite		✓ ¹⁾	✓ ¹⁾	✓	✓ ¹⁾	✓ ¹⁾	
ICODE SLI		✓	✓	✓	✓	✓	
LEGIC Advant		✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓	✓	
M24LR16/64		✓	✓	✓	✓	✓	
MB89R118/119		MT2, MT3, Nano, Slim, Palon M / Panel / Wall / Square M	MT2, MT3, Nano, Slim, Palon M / Panel / Wall / Square M	MT2, MT3, Nano, Slim, Palon M / Panel / Wall / Square M			
SRF55Vxx (my-d vicinity)		✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	
Tag-it	✓	✓	✓	✓	✓		
Pico Pass	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ¹⁾	✓ ¹⁾		
125 kHz / 134.2 kHz ⁸⁾	LEGIC Prime	✓	✓	✓	✓	✓	
	AWID	✓	✓	✓	✓	✓	
	Cardax	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	
	CASI-RUSCO	✓	✓	✓	✓	✓	
	Coltag	✓	✓	✓	✓	✓	
	Deister	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	
	EM4100, 4102, 4200 ⁷⁾	✓	✓	✓	✓	✓	
	EM4050, 4150, 4450, 4550	✓	✓	✓	✓	✓	
	EM4305	✓ ¹⁴⁾	✓ ¹⁴⁾	✓ ¹⁴⁾	✓ ¹⁴⁾	✓ ¹⁴⁾	
	FDX-B, EM4105	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	
	UltraProx	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	
	G-Prox	✓	✓ ⁶⁾	✓ ⁶⁾	✓	✓ ⁶⁾	
	HID DuoProx II (1336)	✓	✓	✓	✓	✓	
	HID ISO Prox II (1386)	✓	✓	✓	✓	✓	
	HID Micro Prox (1391)	✓	✓	✓	✓	✓	
	HID ProxKey III (1346)	✓	✓	✓	✓	✓	
	HID Prox	✓	✓	✓	✓	✓	
	HID Prox II (1326)	✓	✓	✓	✓	✓	
	HITAG 1, 2, S	✓ ⁹⁾	✓ ⁹⁾	✓ ⁹⁾	✓ ⁹⁾	✓ ⁹⁾	
	ICT	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	
	IDTECK	✓	✓	✓	✓	✓	
	Indala	✓	✓	✓	✓	✓	
	ioProx	✓	✓	✓	✓	✓	
	ISONAS	✓	✓	✓	✓	✓	
	Keri	✓	✓	✓	✓	✓	
	Miro	✓	✓	✓	✓	✓	
	Nedap	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	
	Nexwatch	✓	✓	✓	✓	✓	
	PAC	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	
	Pyramid	✓	✓	✓	✓	✓	
	Q5	✓	✓	✓	✓	✓	
	T5557, T5567, T5577	✓	✓	✓	✓	✓	
	TIRIS/HDX	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	✓ ¹⁵⁾	
	TITAN (EM4050)	✓	✓	✓	✓	✓	
	UNIQUE	✓	✓	✓	✓	✓	
	ZODIAC	✓	✓	✓	✓	✓	

1)UID only 2)r/w enhanced security features on request 3)r/w in direct chip command mode 4)UID only, read/write on request 5)UID + r/w public area 6)hash value only 7)Only emulation of 4100, 4102 8)On request 9)Without encryption 10)UID + PAC (CSN & Facility Code), r/w on request 11)In preparation 12) 125/134.2kHz technology requires a Russian local test and import license from the ministry of Trade and Industry (MINPROMTORC). This license has to be in place before ELATEC can accept any order to be shipped to Russia 13)EV2/EV3 supported as part of the EV1 downward compatibility 14)From FW V4.05 15)134.2 kHz only

((●)) ELATEC RFID readers		Single-frequency readers (125 kHz or 13.56 MHz + NFC + Bluetooth Low Energy)									
with antenna →		Mini Reader	TWN3 MIFARE	TWN3 LEGIC NFC	Option Standard	Option I	Option I	Option Standard	Option P		
					TWN4 Mini Reader	Slim JP I	TWN4 Mini Reader I	MT2 LF	MT 2 LF P		
without antenna →											
13.56 MHz	ISO14443A	LEGIC Advant	✓ ¹⁾	✓ ¹⁾	✓	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾			
		MIFARE Classic, Mini	✓	✓	✓ ¹⁾	✓	✓	✓			
		MIFARE Classic EV1	✓ ²⁾	✓ ²⁾	✓ ¹⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾		
		MIFARE DESFire Light	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾	✓ ⁸⁾		
		MIFARE DESFire EV1	✓ ¹⁾	✓ ¹⁾	✓	✓	✓	✓	✓		
		MIFARE DESFire EV2/EV3	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹³⁾	✓ ¹³⁾	✓ ¹³⁾	✓ ¹³⁾		
		MIFARE Plus S, X	✓	✓ ¹⁾	✓	✓	✓	✓	✓		
		MIFARE Pro X	✓ ¹⁾	✓ ¹⁾	✓ ²⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾		
		MIFARE Smart MX	✓ ¹⁾	✓ ¹⁾	✓ ²⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾		
		MIFARE Ultralight	✓	✓	✓	✓	✓	✓	✓		
		MIFARE Ultralight C	✓ ¹⁾	✓ ¹⁾	✓	✓	✓	✓	✓		
		MIFARE Ultralight EV1	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓ ²⁾		
		NTAG2xx	✓ ²⁾	✓ ²⁾	✓ ²⁾	✓	✓	✓	✓		
		SLE44R35	✓ ¹⁾	✓ ¹⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾		
	SLE66Rxx (my-d move)	✓ ¹⁾	✓ ¹⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
	Topaz				✓	✓	✓	✓			
	HID iCLASS SEOS	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁰⁾	✓ ¹⁰⁾	✓ ¹⁰⁾			
	ISO14443B	Calypso	✓ ¹⁾		✓ ²⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
		Calypso Innovatron protocol				✓ ³⁾	✓ ³⁾	✓ ³⁾			
		CEPAS	✓ ¹⁾		✓ ²⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
		HID iCLASS	✓ ¹⁾		✓ ¹⁾	✓ ¹⁾	✓	✓			
		CTS				✓	✓	✓			
		Moneo	✓ ¹⁾		✓ ²⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
		Pico Pass	✓ ¹⁾		✓ ³⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾			
		SRI4K, SRI4K	✓			✓	✓	✓			
		SRI512, SRT512	✓			✓	✓	✓			
	ISO18092/ECMA-340	NFC Forum Tag Type 1-5	Type 2-4	Type 2-4	Type 2-5	Type 1-5	Type 1-5	Type 1-5			
		NFC Peer-to-Peer				✓	✓	✓			
	ISO15693	Sony FeliCa	✓ ¹⁾		✓ ³⁾	✓ ⁵⁾	✓ ⁵⁾	✓ ⁵⁾			
		EM4x33			✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
		EM4x35			✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
		HID iCLASS			✓ ¹⁾	✓ ¹⁾	✓	✓			
		HID iCLASS SE/SR/Elite			✓ ¹⁾	✓ ¹⁾	✓	✓			
		iCODE SLI			✓ ³⁾	✓	✓	✓			
		LEGIC Advant			✓	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾			
		M24LR16/64			✓ ³⁾	✓	✓	✓			
		MB89R118/119				MT2, MT3, Nano, Slim JP	Slim JP	MT2, MT3, Nano			
		SRF55Vxx (my-d vicinity)			✓ ³⁾	✓ ³⁾	✓ ³⁾	✓ ³⁾			
Tag-it				✓ ³⁾	✓	✓	✓				
Pico Pass			✓ ¹⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾					
125 kHz / 134.2 kHz⁸⁾	LEGIC Prime			✓							
	AWID							✓	✓		
	Cardax							✓ ⁶⁾	✓ ⁶⁾		
	CASI-RUSCO							✓	✓		
	Cotag								✓		
	Deister							✓ ⁶⁾	✓ ⁶⁾		
	EM4100, 4102, 4200 ⁹⁾							✓	✓		
	EM4050, 4150, 4450, 4550							✓	✓		
	EM4305							✓ ¹⁴⁾	✓ ¹⁴⁾		
	FDX-B, EM4105							✓ ¹⁵⁾	✓ ¹⁵⁾		
	UltraProx							✓ ¹⁵⁾	✓ ¹⁵⁾		
	G-Prox								✓ ⁶⁾		
	HID DuoProx II (1336)								✓		
	HID ISO Prox II (1386)								✓		
	HID Micro Prox (1391)								✓		
	HID ProxKey III (1346)								✓		
	HID Prox								✓		
	HID Prox II (1326)								✓		
	HITAG 1, 2, S							✓ ⁹⁾	✓ ⁹⁾		
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	ioProx								✓		
	ISONAS							✓	✓		
	Keri							✓	✓		
	Miro							✓	✓		
	Nedap							✓ ⁶⁾	✓ ⁶⁾		
Nexwatch								✓			
PAC							✓ ⁸⁾	✓ ⁸⁾			
Pyramid							✓	✓			
Q5							✓	✓			
T5557, T5567, T5577							✓	✓			
TIRIS/HDX							✓ ¹⁵⁾	✓ ¹⁵⁾			
TITAN (EM4050)							✓	✓			
UNIQUE							✓	✓			
ZODIAC							✓	✓			

1)UID only 2)r/w enhanced security features on request 3)r/w in direct chip command mode 4)UID only, read/write on request 5)UID + r/w public area 6)Hash value only 7)Only emulation of 4100, 4102 8)On request 9)Without encryption 10)UID + PAC (Facility Code), r/w on request 11)In preparation 12)125/134.2kHz technology requires a Russian local test and import license from the ministry of Trade and Industry (MINPROMTORC). This license has to be in place before ELATEC can accept any order to be shipped to Russia 13)EV2/EV3 supported as part of the EV1 downward compatibility 14)From FW V4.05 15)134.2 kHz only

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