

TECHNICAL INFORMATION

SMARTRACK GLOBAL RFID CARD COMPATIBILITY

The following **RFID cards** have been tested for compatibility with the SmarTrack Global RFID Display, part number 15913.

Firmware: 5.x.2.48

Date: 18 November 2021

HF Transponder 13.56 MHz

ID	Card	Compatible?
1	ISO 14493 HF LOGIC KEY FOB	Yes
2	LEGIC Advant 8563	Yes
3	LEGIC Advant ATC4096 MP311 V2 Supertag	Yes
4	LEGIC ATC4096-MP311	Yes
5	LEGIC CTC4096-MP410	Yes
6	LEGIC MIMI1024	Yes
7	MIFARE 1k S50	Yes
8	MIFARE Classic HF	Yes
9	MIFARE DESFire EV1	Yes
10	MIFARE DESFire EV2	Yes
11	MIFARE Plus S HF	Yes
12	MIFARE Ultralight C HF	Yes
13	MIFARE Ultralight HF	Yes
14	NTAG 213 NFC HF	Yes
15	LEGIC Advant ISO 15693 8Byte UID HF	No
16	Sony FeliCa HF	No
17	Tag it 8Byte UID HF	No
18	Kaba Transponder LEGIC Advant	Untested
19	LEGIC ATC1024 + MIFARE DESFire EV1 8K	Untested
20	NXP ICODE SLI	Untested

LF Transponder 125 kHz

ID	Card	Compatible?
1	ATA5577	No
2	EM 4100 LF	No
3	EM 4102	No
4	EM 4200 LF	No
5	EM 4305 LF	No
6	EM 4450 LF	No
7	HID PROX	No
8	HITAG 1 LF	No
9	HITAG 2 LF	No
10	HITAG-S LF	No
11	Q5 LF	No

Summary

Frequency	ISO Standard	Compatible?
125 kHz / 134.2 kHz (LF)	Not supported	Not supported
13.56 MHz (HF)	ISO 14443A	Yes
13.56 MHz (HF)	ISO 14443B	Untested
13.56 MHz (HF)	ISO 15693	Not supported
13.56 MHz (HF)	ISO 18092	Not supported

The list of **HID compatible cards** below has been tested for compatibility with the SmarTrack® Global RFID display, part number 15913. To summarise, HID proprietary and 125 kHz low frequency cards are not compatible with the RFID display.

- RFID Display (15913)** uses a generic card reader to read ISO1443A card serial numbers. Generic RFID cards will typically not have a serial number printed on the card; you must read the access code using the SmarTrack Card Assistant. SmarTrack RFID cards and wrist bands will have the access code printed on them. Refer to the SmarTrack RFID card compatibility chart for tested cards.
- HID Display (15901)** uses a HID proprietary card reader allowing higher RFID card compatibility such as HID proprietary cards and generic ISO 14443 A/B, ISO 15693 cards. It can also read RFID proximity cards to read the card serial number off non-proprietary HID cards. HID cards may have a number printed on the card that is not necessarily the serial number (access code), you must read the access code using the SmarTrack Card Assistant. HID Prox 125 kHz cards will typically have the access code printed on them.

Card Type	15084/15901 HID Display	15913 RFID Display
ISO14443A 13.56 MHz (HF)		
RCT RFID Operator Card	✓*	✓
MIFARE Classic	✓	✓
MIFARE Mini	✓	✓
MIFARE Desfire EV1	✓	✓
MIFARE Plus S,X	✓	✓
MIFARE Pro X	✓	✓
MIFARE Smart MX	✓	✓
MIFARE Ultralight	✓	✓
MIFARE Ultralight C	✓	✓
HID 13.56 MHz (HF)		
HID iCLASS® Standard/SE/SR/Seos	✓	✗
PIV II	✓	✗
Secure Identity Object® (SIO®)	✓	✗
125 KHz (LF)		
HID Prox	✓	✗
Indala Prox	✓	✗
EM4102	✓	✗
AWID Prox	✓	✗

* Operator code will not match that printed on the card

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