



NEBA1703 PART#E001



NEBA1703 PART#E002

Elatec RFID Reader

The RFID and NFC module automatically identifies persons and conducts access management and mobile payments. The accessory is easily installed by the user, providing an integrated solution and eliminating the need for external brackets or attachments.

- Small and powerful RFID reader
- Reader and Writer
- Free Demo Application to guide and enhance the development progress.
- Free software that allows you to write the RFID standards to your RFID card.
- Firmware update in the field possible
- Support all current RFID standards for the frequency ranges 125 and 134.2 kHz as well as the 13.56 MHz band, including NFC.

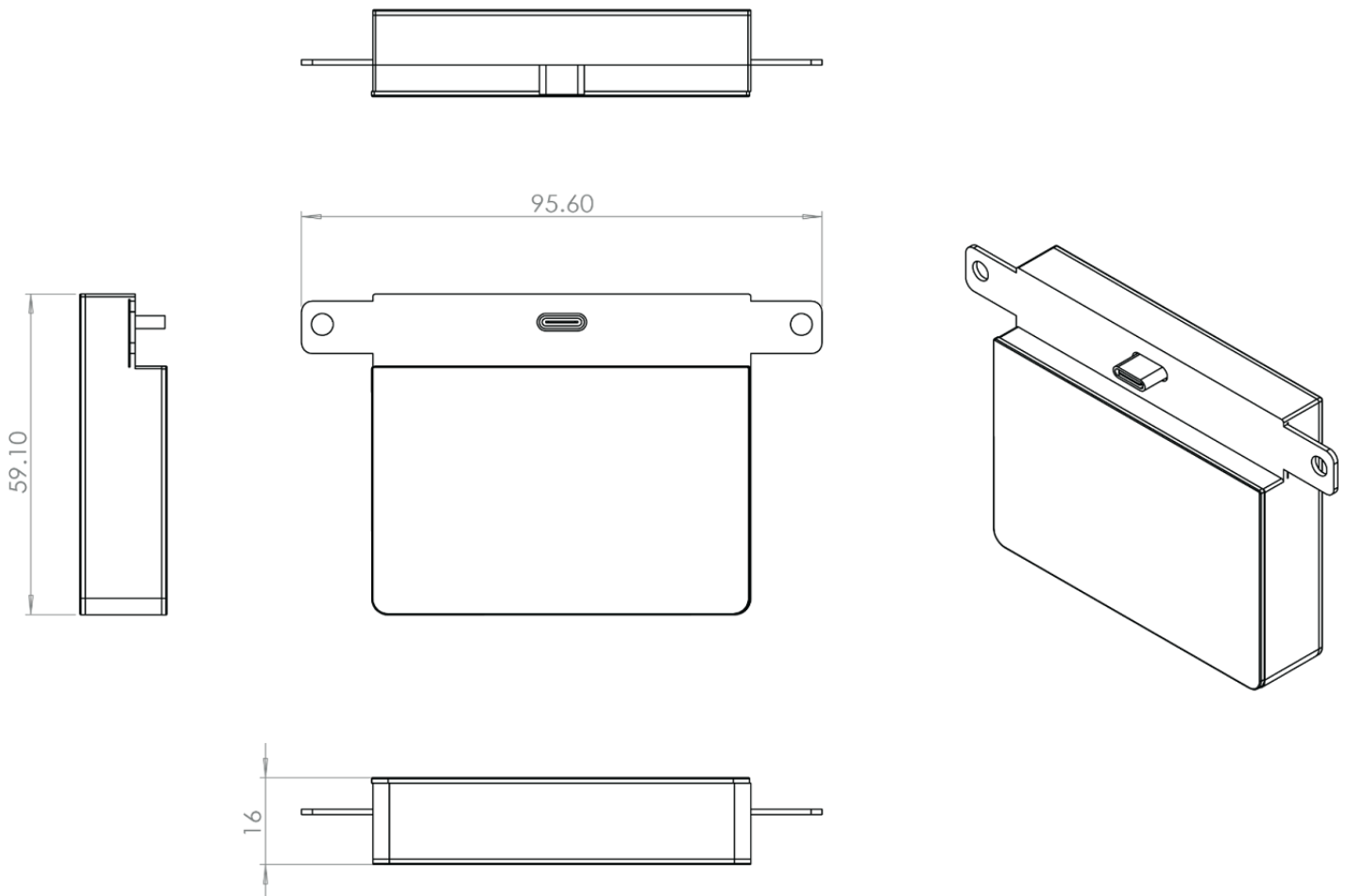
NEBA1703 - RFID Reader Specification

Enclosure Color	Black
Interface	USB-C (NEB101 only)
Frequency Range	125 kHz/134.2 kHz (LF) / 13.56 MHz (HF)
SUPPORTED TRANSPONDERS (Standard)	<p><u>ISO14443A:</u> LEGIC Advant1), MIFARE Classic EV12), MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV22), MIFARE Plus S, X, MIFARE Pro X3), MIFARE Smart MX3), MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass3), SLE44R35, SLE66Rxx (my-d move)3), Topaz <u>ISO14443B:</u> Calypso3), Calypso Innovatron protocol3), CEPAS3), HID iCLASS1), Moneo3), Pico Pass4), SRI4K, SRIX4K, SRI512, SRT512 ISO18092 ECMA-340: NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa5), NFC Active and passive communication mode</p> <p><u>ISO15693:</u> EM4x333), EM4x353), HID iCLASS1), HID iCLASS SE/SR1), ICODE SLI, LEGIC Advant1), M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity)3), Tag-it, PicoPass4)</p> <p><u>125 kHz, 134.2 kHz:</u> AWID, Cardax, CASI-RUSCO, Deister6), EM4100, 4102, 42007), EM4050, 4150, 4450, 4550, EM43058), FDX-B, EM4105, HITAG 19), HITAG 29), HITAG S9), ICT8), IDTECK, Isonas8), Keri, Miro, Nedap6), PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC, Cotag, G-Prox6</p>
SUPPORTED TRANSPONDERS I	All Standard Transponders, Cotag, G-Prox6), HID DuoProx II, HID ISOProx II, HID MicroProx, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch
SUPPORTED TRANSPONDERS II (With additional cost)	Requires external TWN4 SIO Card, All Standard Transponders, All Version P Transponders, HID iCLASS10), HID iCLASS SE/SR/SEOS(CSN and Facility Code/PAC)10), HID iCLASS Elite & SE Elite
Operating modes	USB keyboard emulation – USB virtual COM port – CCID / PC/SC 2.01
Transmission speed	Host: USB Full speed (12 Mbit/s)
READ- / WRITE DISTANCE	LF and HF: Up to 100 mm / 4 inch, depending on environment and transponder
What's in the Box	1 RFID module, 2 Screws
Product Weight	63g
Product Dimension	95.6 x 59.1 x 16mm
Gift Box Weight	95g
Gift Box Dimension	140 x 83 x 44mm

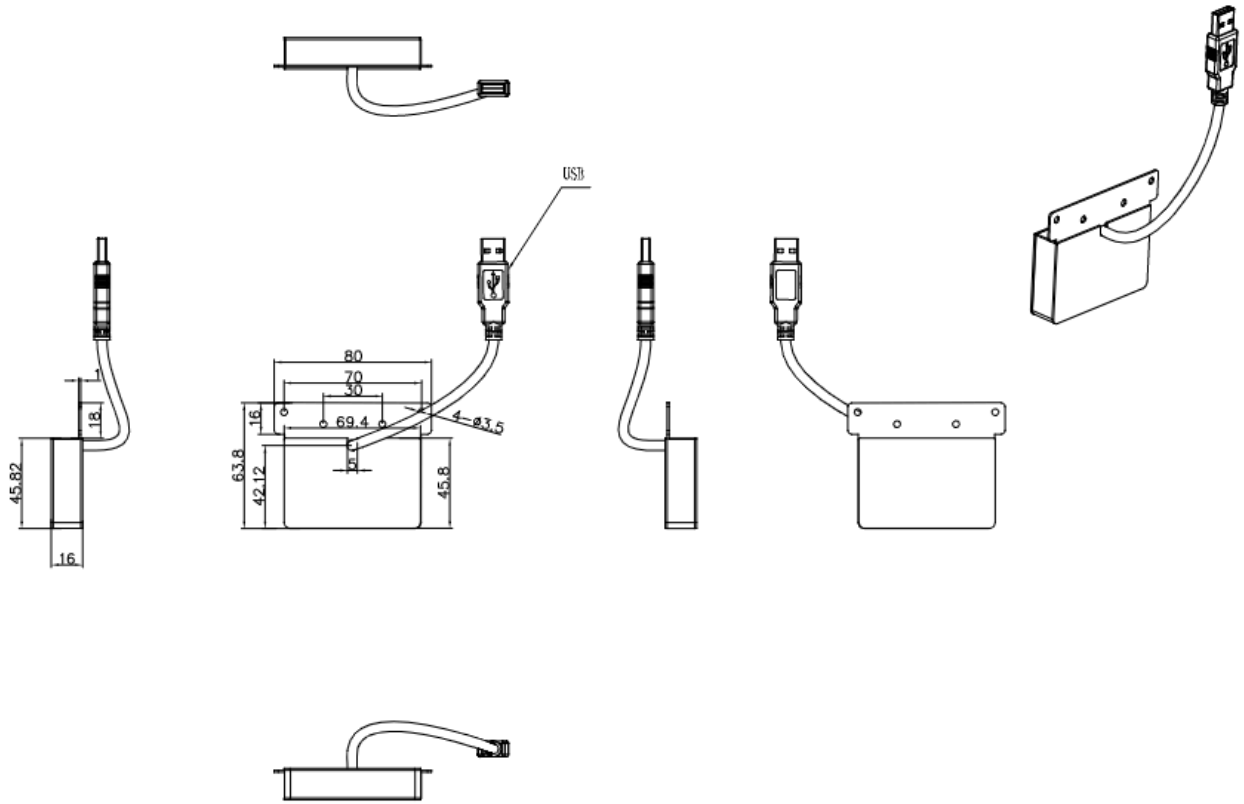
Touch Screen Model	Compatible RFID Model (Elatec RFID Reader)
Nebula Generation 1 NEB156 Part#CT288	NEBA1703 PART#E002
Nebula Generation 1 NEB215 Part#CT288	NEBA1703 PART#E002
Nebula Generation 2 NEB156 Part#CT568	NEBA1703 PART#E002
Nebula Generation 2 NEB215 Part#CT358	NEBA1703 PART#E002
Nebula Plus NEB101 Part#CT399	NEBA1703 PART#E001
Nebula Plus NEB156 Part#CT399	NEBA1703 PART#E002
Nebula Plus NEB215 Part#CT399	NEBA1703 PART#E002
Nebula Lite NEB101 Part#CT133	NEBA1703 PART#E001
Nebula Lite NEB156 Part#CT133	NEBA1703 PART#E002
Nebula Lite NEB215 Part#CT133	NEBA1703 PART#E002
ULTRON Celeron ULT101 Part# 4205U	NEBA1703 PART#E002
ULTRON Celeron ULT156 Part#4205U	NEBA1703 PART#E002
ULTRON Celeron ULT215 Part# 4205U	NEBA1703 PART#E002
ULTRON Celeron -J1900 ULT101 Part# J1900	NEBA1703 PART#E002
ULTRON Celeron -J1900 ULT156 Part# J1900	NEBA1703 PART#E002
ULTRON Celeron -J1900 ULT215 Part# J1900	NEBA1703 PART#E002
ULTRON i3 ULT101 Part# 8145U	NEBA1703 PART#E002
ULTRON 15.6" i3 ULT156 Part# 8145U	NEBA1703 PART#E002
ULTRON 21.5" i3 ULT215 Part# 8145U	NEBA1703 PART#E002
ULTRON i5 ULT101 Part# 10210U	NEBA1703 PART#E002
ULTRON 15.6" i5 ULT156 Part# 10210U	NEBA1703 PART#E002
ULTRON 21.5" i5 ULT215 Part# 10210U	NEBA1703 PART#E002

2D Diagram

NEBA1703 PART#E001



NEBA1703 PART#E002



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