



NEB1703 - 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.

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| 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</p> <p><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 ISO Prox II, HID Micro Prox, 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 |

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| 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 |

CONTACT US

| United States | Hong Kong | Europe |
|--|---|--|
| Representative Office 1440 N. Harbor Blvd Suite 900 Fullerton, CA 92835 | Flat D, 5/F, Excelsior Building, 364 Nathan Road, Kowloon, Hong Kong | Weiherstrasse 2 8564 Hattenhausen Switzerland |
| 626 228 5927 | 852 23762803 | 44 20 3885 0392 (UK) 41 79 279 9798 (Switzerland) |
| sales@glorystargroup.com | sales@glorystargroup.com | sales@glorystargroup.com |

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