



Red Spider Pocket

High secure and manageable RFID reader
for LF, HF, NFC and BLE



5
YEAR
WARRANTY



Contactless authentication

Ingenious housing creates the ideal RFID reader. **inepro** has developed the Pocket bracket. The clever modular construction of the Spider Core and the Pocket bracket makes it suitable for integration into all kinds of devices. The graphics on the Spider Pocket foil are specially designed so that the user experiences optimal visual communication and can use the solution easily and quickly through contactless authentication.

Spider features:

- Stand-alone operation
- Easy built-in integration for multifunctional printers
- Bulk supply to reduce eco footprint
- Integrated antenna on PCB
- Integrated BLE module 2.4 GHz for data communication and authentication
- SAM Socket, Secure Access Modules, ID-000 form factor
- Compatible with every print management solution
- Supported USB communication: keyboard emulation
- Contactless config card for (re)configuration
- Config tool for (re)configuration over network
- Mobile app for (re)configuration
- Mobile app for user identification using NFC and BLE
- Touchless authentication via LF, HF, NFC and BLE
- Secure element for secure data storage of firmware and configuration
- Standard RFID identification foil
- Customizable RFID identification
- How-To videos

CE
FCC
IC
UK
CA



Technical data

- Housing : PC ABS V0, Color Intelligent dark grey
- Dimensions : 82,00 x 54,00 x 15,85 mm/ 3.22 x 2.12 inch x 0.62 inch (L x W x D)
- Weight : Approx. 31 g / 1.09 oz (excl. cable)
- Frequency : 125kHz (LF), 13.56 MHz (HF), 2.4 GHz (BLE)
- Antenna : Integrated antenna on PCB
- Default output : Decimal number HID Keyboard output with enter
- Power supply : 4.3 V -5.5 V via pico blade connector
- Current Consumption : RF field idle on: 150mA typically 280mA max
- Temperature range : Operating: -25 °C up to +85 °C (-13 °F up to +185 °F)
- Relative humidity : 5% to 95% non-condensing
- Read / Write distance : LF and HF: Up to 100 mm / 4 inch, depending on transponder and environment
- Operating modes : USB keyboard emulation, USB virtual COM port, USB RAW
- Bluetooth low energy : Bluetooth v5.3, software upgradable; standards as GAP, SM, L2CAP, ATT; predefined GATT structure; AES128 supported
- Connectivity : Pico blade connector and USB Type B mini male
- Transmission speed : Host: USB Full speed (12Mbit/s), HF Air: up to 848 kbit/s, BT Air: up to 100 kbit/s
- Certification name : Red Spider
- Certification(s) : CE, UKCA, FCC, IC, REACH and RoHS-III compliant

Supported transponders 13.56MHz*

- **ISO/IEC 14443 Type A:** ISO/IEC 14443 Type A: HID Seos
- **ISO14443A:** Mifare Classic, Mifare Classic EV1, Mifare Mini, Mifare DESfire Light/EV1/EV2/EV3, Mifare Ultralight Nano/C/EV1/AES, Mifare Plus S/X/EV1/EV2, Mifare Pro X, Mifare Smart MX, Legic Advant UID, NFC HCE, NTAG2xx, SLE44R35, SLE55Rxx, SLE66Rxx
- **ISO18092:** ECMA-340: NFC Forum Tag 1-5, NFC Peer-to-Peer, NFC Active and passive communication mode
- **ISO15693:** iCLASS, iCLASS SE/SR, i-CODE UID, Legic Advant UID

Supported transponders 125kHz*

- **ISO18000-2:** CS-AWID, Cardax, CASI-RUSCO, EM41xx and compatible EM4100/4102/4200, EM4050 (Titan), EM4105, EM4150, EM4305, EM4450, EM4550, Farpointe Pyramid, Gallagher, HID Prox, HID Prox II (1326), HID DuoProx II (1336), HID ProxKey III (1346), HID ISO Prox II (1386), HID Micro Prox (1391), HID Prox UDF, Hitag 1, Hitag 2, Hitag S, HID Indala, HID Indala ASP/ASP+ UIN, HID Indala 10022 Honeywell NexWatch, ioProx, Keri NXT, Nedap, NeoCardProx, Nexkey, ProxLite, Q5, T5555, T5557, UNIQUE

* Red Spider is HID RFID technology compliant. To activate HID technology, additional activation and/ or a HID Seos SAM card is required.

SKU

- 200026 : Red Spider Pocket Complete, including P279240 - Spider USB Cable Type B Mini Male 6,5 cm/2.56 inch