



Technical data

ENiQ® Desk Reader V2

Power supply:

- directly via USB port

Current consumption:

- max. 200 mA

Technology:

- 13,56 MHz Mifare

Interfaces:

- Micro USB type B port
- cable micro usb type B to usb type A, length 1,5 m included
- can be prolonged to max. 3 m
- encryption: XSALSA20-256 Bit
- key exchange: Curve25519-256 Bit (elliptical curve)
- signature: Poly1305-128 Bit

Inductive transponder interface:

- reading range: up to 10 cm
- frequency: 13,56 MHz
- field strength in 10m distance: < 42 dBµA/m
- in conformity to ETSI EN 300 330

supported transponder types:

- Mifare classic 1K/4K
- Mifare Plus S/X 2K/4K
- Mifare Ultralight / Ultralight C
- Mifare DESFire / DESFire EV1 2K/4K/8K

- supports passive transponders according to ISO 14443 A

- encryption
 - Mifare DESFire EV1: AES-128 Bit
 - Mifare Classic: Crypto-1 encryption
- Additional
- AES-128 Bit encryption with object specific keys

Transponder design:

- DOM Standard Tag, Premium Plus Tag, Clip Tag
- ISO card transponder
- other types have to be checked

Signalling:

- 2 LEDs: RGB for access-control signalling
- 2 LEDs: Bicolour for operating mode and status
- buzzer

Temperature range:

- 0 up to +55 °C

Relative humidity:

- 20% up to 95% (not condensation)

Assembly:

- completely mounted in DOM Desk Reader housing

- Metallic objects close to the reader or other disturbing effects may reduce the range of the RFID interface.
- Minimum distance between two devices > 50cm.

Weight:

- approx. 220 g

Size:

- 85 × 85 × 32 mm

Plastics:

- Housing cover: PET /PC
- housing: PA6 GF30



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Colour of housing:

Visible components alternatively:

- housing cover:
signal white (9003), graphit grey (7024), jet black (9005)
- housing:
traffic grey (7042)



These data correspond to the actual development status and are subject to change at any time without notice.

All specifications valid at assembly according to installation instructions.