

NFC READER

Beacons & sensors reader for PC

BENEFITS

- Compatible with BLE, LORA, MESH, QUUPPA ELA Innovation's beacons & sensors
- Adapted to harsh environment



TECHNICAL SPECIFICATIONS

OPERATING MODE

Device Driver Operating System Support

Windows® CE 5.0, Windows® 6.0, Windows® Embedded Compact 7, Windows® XP, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10
Windows® Server 2003, Windows® Server 2003 R2, Windows® Server 2008, Windows® Server 2008 R2, Windows® Server 2012, Windows® Server 2012 R2, Windows® Server 2016
Linux®, Mac OS®, Solaris, Android™ 3.1 and later

Contactless Smart Card Interface

Standard: ISO/IEC 18092 NFC, ISO 14443 Type A & B, MIFARE, FeliCa
Protocol: ISO 14443 T=CL for ISO 14443-4 compliant cards
T=CL Emulation for MIFARE Classic, ISO 18092, FeliCa and NFC Tags
Operating Frequency : 13.56 MHz
Operating Distance: Up to 50 mm (depending on tag type)
Smart Card Read/Write Speed: 106 Kbps, 212 Kbps, 424 Kbps
Antenna Size: 50 mm × 40 mm

Application Programming Interface

PC-linked Mode: PC/SC
CT-API (through wrapper on top of PC/SC)

USB Host Interface

Protocol: USB CCID
Connector Type: Standard Type A
Power Source: from USB port
Speed: USB Full Speed (12 Mbps)
Supply Voltage: 5 V
Supply Current: Max. 200 mA
Cable Length: 1.0 m, Fixed

CERTIFICATIONS

EN 60950/IEC 60950, ISO 14443, ISO 18092, USB Full Speed, PC/SC, CCID, CE, FCC, RoHS 2, REACH
VCCI (Japan), KC (Korea), Microsoft® WHQL

MECHANICAL INFORMATION

Dimensions	98.0 mm (L) × 65.0 mm (W) × 12.8 mm (H)
Weight	70g
Operating temperature	30 °C – 60 °C
Built-in peripherals	LED: 1 bi-color Red and Green Buzzer: Monotone

MECHANICAL DRAWING

