

**NFC USB Reader encoder**

**NFC R/W 01**  
Ref. ACIOM177



**TECHNICAL SPECIFICATIONS**

Bluetooth Tags & Sensors Settings Software	Device Manager SCL010 for Windows 10
USB Host Interface	<p>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</p>
Contactless Smart Card Interface	<p>Standard: ISO/IEC 18092 NFC, ISO 14443 Type A &amp; 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</p>
Built-in Peripherals	<p>LED: 1 bi-color Red and Green  Buzzer: Monotone</p>
Application Programming Interface	<p>PC-linked Mode: PC/SC  CT-API (through wrapper on top of PC/SC)</p>
Operating conditions	<p>Temperature: 0 °C – 60 °C  Humidity: Max. 90% (non-condensing)</p>
Device Driver Operating System Support	<p>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</p>
Housing	<p>Dimensions: 98.0 mm (L) × 65.0 mm (W) × 12.8 mm (H)  Weight: 70 g  Color: Pearl White</p>
Certification/ Compliance	<p>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</p>

