

CityReader® RDR518



Easy access to
contactless
payment for
banking or point
of sales and
transport
equipment

The CityReader® is designed to ease the convergence of transit and banking applications.

It complies with the latest contactless ticketing requirements supporting a broad range of ISO contactless smart cards, paper tickets and NFC mobile phones and is also designed for EMV contactless payments.

PRODUCT SPECIFICATIONS

Features	RF Interface	ISO14443 A/B/B', Felica®, Mifare® High speed RF communication: 106 to 848 kb/s for ISO A/B, 212 to 424 kb/s for Felica®
	Power supply	CityReader RDR518 -U(E): USB bus powered (5 V, 500 mA) CityReader RDR518 -S(E): Y cable subD9F and USB A for power (5V, 500mA) High volume only
	User interface	4 green LEDs, 1 buzzer
	Communication interface	CityReader RDR518 -U(E): USB Full speed: 12 Mb/s, CDC or CCID. CityReader RDR518 -S(E): RS232C serial 115.2 kb/s (9.6 up to 691 kb/s)
	Operating system	Windows, Linux, OS X, Android Serial emulation (VCP) for USB CDC or PC/SC for USB CCID
	Supported cards	ISO14443 A/B/B' ISO 18092 (NFC) Mifare® 1K, 4K, Plus, Ultra Light (& EV1, C), ProX, SmartMX DESFire® 2K, 4K, 8K Calypto Rev 1, Rev 2, Rev 3 (CD97, GTML, GTML2, CT2000, CD21, TanGO) CTS256B, CTS512B, CTM512B, ST SR Family, THTF1064, Atmel, Infineon, NXP, Sony Felica®, STM ICAO, Java Card®, ITSO
	SAM interface	4 SAM slots ISO7816 T=0, T=1, with PPS up to 1,2 Mb/s HSP Innovatron Protocol
Physical Characteristics	Dimensions	119 x 79 x 26 mm
	Weight	160 g
	Operating Temperature	0 to 50 °C
	Storage Temperature	-40 to 70 °C
	Relative humidity	90% non-condensing
Standards	CE, FCC part 15, RoHS, WHQL RCTIF V4 EMV Level 1 2.2 (RDR518 -UE & RDR518 -SE) CEN/TS 16794 -2015 Ready	

PRODUCT DESCRIPTION

The CityReader® is a professional contactless reader, with high standards of quality and performances.

APPLICATIONS

-  Public transport
-  Identity
-  Loyalty
-  Points of sale
-  Logical access control
-  Banking

