Open/1500 **Contact / Contactless Reader**

Stealthy, powerful and scalable contactless module to fit any transport project

Designed for open payment meeting transportation payment needs

Easily integrated and sleekly in plastic embedded validators (bus, tramway, train, ferries...)

Complies with transport & payment standards thanks to a dedicated compliant contactless reader

Enables the latest in contactless payments and new usage cases such as contactless tickets, mobiles or IoT and manages closed-loop cards (Mifare®, Desfire®...)

Parking Lots   **Self-Services**   **Vending Machines**   *and more.**

*Customizable solutions available

ingenico
Smart terminals

FEATURES

Highly rugged and durable (IP65)

Support contactless, NFC payment

Powerful, with multiple connections

Highest security- PCI PTS5.1 certified

Compliant with transport standards

SPECIFICATIONS

PROCESSOR	Application processo: Cortex A5
MEMORY	512 MB Flash, 512 MB RAM
EXTENDED MEMORY	MicroSD up to 32GB
CARD SLOTS	4 SAM ID-000 ISO 7816 (High Speed protocol) Studied for vibration resistance | Accessible without dismounting the reader
CARD READERS (MAGSTRIPE/ IC/ CONTACTLESS)	Contactless: EMV level 1 compliant / ISO 14443 A/B/B' NFC: ISO 18092 (card/reader/peer-to peer modes)
CONNECTIVITY	USB: 1 x USB Slave (JST connector), 1 x USB Host (JST connector) | Serial: 2 x RS232 (JST connector) | I/O: 2 x inputs and 2 x outputs (isolated)
COMMUNICATIONS	Ethernet 10/100: 1 x RJ 45 (PoE supported) Bluetooth: BT 4.1 module (beacon mode)
POWER SUPPLY	Extenal power supply: 10W: 5V DC to 48V DC. Current: 2000mA at 5V POE supported. For automative, range is: 12V DC to 24V DC, Wake up mode
DIMENSIONS & WEIGHT	W x H x D: 75.5 x 72 x 37 mm (2.9x2.8x1.5") , 134 g (4.7 oz)
ENVIRONMENT	"Operating temperature -20°C to 70°C (-4°F to 158°F) | Storage temperature -20°C to 70°C (-4°F to 158°F) | Operating humidity, 95% non condensing at 55°C (131°F) | EMC standards: vFor fixed & mobile (road, railways) equipment"
CERTIFICATION	Certified PCI PTS 5.1 online & offline
PHYSICAL PROTECTION	IK10, IP65
OPTIONAL ACCESSORIES	Frame: Plastic piece for rounding the landing zone | JST to USB-A cables (0.3m, 1.15m, 2m) | JST to DB9 serial cable (1m) l 6-pin to 2-pin connector to adapter (PSU)