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Open/2500

Stealthy and powerful contactless module to fit any self-service solution in transportation, retail and hospitality

- Designed for open payments by supporting transit and bank cards

- Integrates easily into steel enclosures (bus, train, ferries, etc.) or kiosk mounts

- PCI-Certified dedicated contactless reader enables new use cases such as contactless ticketing, mobile and IOT payments and manages closed loop cards (Mifare, Desfire, etc.)

- Also suitable for enabling contactless payments in retail and hospitality (e.g. - Retail Lockers, QSR Drive-Thru, etc.)

contactless   security   rugged   ethernet

PCI PTS 5.x

TELIUM
TETRA

Part of the new generation of self-service devices, the Open/2500 offers the best contactless payment acceptance to meet all your open payment requirements in transport, retail and hospitality.

Highest security
PCI PTS 5.1 certified, the Open/2500 is natively designed to meet local regulations and ensure long-term compliance.

Contactless/NFC payment acceptance
The Open/2500 enables all contactless payment methods: Visa, Mastercard, Amex, Discover, CUP, Interact, Flash, ApplePay, Google Pay and more.

Multiple use cases
The Open/2500 can manage multiple use cases from contactless ticketing in transportation to QSR Drive-Thru in hospitality to even retail lockers.

Compliant with multiple standards
The Open/2500 is compliant with standards for use in fixed or mobile environments across multiple industries (transport, retail, etc.).

Easy mechanical integration in steel enclosures
Thanks to its flush design and large contactless landing zone, the Open/2500 fits perfectly in steel enclosures in a bus or subway turnstile or into a kiosk for retail lockers and QSR drive-thrus. The part visible to consumers includes an RGB backlit landing zone and 6 rows of 4 LEDs.

Powerful processor with large memory
Based on the most powerful processor of the Telium TETRA range with a large amount of memory, the Open/2500 has the flexibility to fit all open payment usage cases.

Highly ruggedized and durable
Thanks to its robust design (IK10) and high protection against water (IP65) the Open/2500 stands up to the most demanding indoor and outdoor environments. Thanks to an additional removable battery, the auxiliary battery life extends the device's overall life.

NAME		Open/2500
Processor	Application processor	Cortex A5
Memory	Internal External	512 MB Flash, 512 MB RAM MicroSD up to 32GB
OS		Telium TETRA
SAM		4 SAM ID-000 ISO 7816 (High Speed protocol) Studied for vibration resistance Accessible without dismounting the reader
Card Readers	Contactless NFC	EMV Level 1 compliant / ISO 14443 A/B/B' ISO 18 092 (card / reader / peer to peer modes)
Battery		Standard battery + additional removable battery
User Inteface	Contactless landing zone LED indicator	RGB backlit landing zone 6 x 4 green/red LEDs
Maintenance Interface		Maintenance button and LED
Audio	Buzzer Polyphonic sound (wav reader)	Mono Through external loudspeaker (not provided)
Terminal Connections	USB Serial I/O Sound	1 x USB Slave (JST connector) 1 x USB Host (JST connector) 2 x RS232 (JST connector) 2 x inputs and 2 x outputs (isolated) 1 x 2-pin connector for external loudspeaker
Terminal Connectivity	Ethernet 10/100 Bluetooth	1 x RJ 45 (PoE supported) BT 4.1 module (beacon mode)
Power Supply	External power supply	10W: 5V DC to 48V DC. Current : 2000 mA at 5V POE supported For automotive, range is : 12V DC to 24V DC Wake up mode
Accessories	Optional	JST to USB-A cables (0.3m, 1.15m, 2m) JST to DB9 serial cable (1m) 6-pin to 2-pin connector adapter (PSU)
Terminal Size	Overall: W x H x D mm	3.7x3.7x1.5" (94 x 94 x 38 mm)
Weight		5.9oz (168g)
Environment	Operating temperature Storage temperature Operating humidity EMC standards	-4°F to 158°F (-20°C to +70°C) -4°F to 158°F (-20°C to +70°C) 95% non-condensing at 131°F (+55°C) For fixed & mobile (road, railways) equipments
Material	Plastic	Compliant fire & smoke standard (EN 45545-2 V0)
IP	Ingress protection	IP 65
IK	Shock protection	IK 10
Security		Certified PCI PTS 5.1 online & offline

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