Presto*3*
Contactless Payment Reader

Presto*3* is VFJ's contactless payment reader certified by MasterCard® for *PayPass*™ application. Its flexible design with weather-proof casing allows it to be mounted even on rugged surfaces and in tough outdoor environments. Adopting VFJ's ferrite-shielded antenna, the reader is able to function perfectly with no interference from metal objects in its vicinity.

The Presto*3* reader features embedded industry de-facto standard ARM7 processor-based hardware. It has a built-in down-loader for firmware and application update in the field. To complement the versatility, the Presto*3* reader comes with a powerful multi-tasking operating system, along with a dynamic set of development tools. It is able to access MasterCard® *PayPass*™ card, key fobs and any sources that comply with ISO/IEC 14443 standard. The Presto*3* reader is installed with two SIM card sockets that are compliant to ISO7816-3 standard for further security extension and loyalty program integration.

Presto*3* readers adapt easily to a wide variety of point of sale (POS) terminals and electronic cash registers (ECR) systems. Thus, the integration of the convenient "tap and go" transactions could be completed effortlessly into the merchants' existing payment systems without any disruption to their operation.

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General Parameters

◆ Power input : 12VDC, maximum 300mA
◆ Protection : reverse polarity and over-voltage protection
◆ Operational temperature : -20℃ to 70℃
◆ Storage temperature : -40℃ to 85℃
◆ Humidity : 10% to 90%

General Features

◆ All layers of ISO 14443 Type A&B compliance
◆ ATMEL AT91SO101 ARM 7 processor
◆ Voltage monitor and reset circuitry
◆ 256Kbytes Flash for system and application code and data storage
◆ Integrated antenna with ferrite isolation
◆ RS232 interface, operating speed up to 115200 bps
◆ 2 ID-000 SIM sockets, compliant to ISO 7816-3 standard
◆ 4 green LEDs and 1 buzzer for read status indication
◆ Dimensions : 120 mm (width) x 150 mm (height) x 32 mm (depth)
◆ Weight : 600g

Software Platform

◆ Industry standard multi-tasking real-time kernel
◆ Compliant to MasterCard® *PayPass*™ Mag Stripe application
◆ High level contactless card access, integrated communication
   protocols, standard Unix-like drivers (API libraries), RS232
   command interface

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