

A10-P

Versatile Countertop PINpad Payment Device



The A10-P is a highly versatile compact countertop PINpad payment device that conforms to PCI, Interac, EMV standards and meets the highest levels of security.

The A10-P is designed to support financial inclusion scenarios as well as innovative payment schemes in mature markets.

Features and Benefits

- 4-in-1 PIN pad: MSR, Chip, NFC and PIN entry
- USB or RS-232 interface connectivity pure PIN pad
- POS-A transmission type
- PCI & EMV Level 1 & Level 2 certification approved, typical payment brand schemes supported
- Color LCD display
- Optional fingerprint reader support



SMARTCARD



MAGSTRIPE



Retail



Banking



Hospitality



Petroleum



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Specifications

OPERATING SYSTEM

Linux

ELECTRICAL

Processor:	Atmel SAMA5D28
Memory (RAM):	256MB and Flash, 128MB RAM
Magnetic Card Reader:	Triple Track (Track1/2/3), bi-directional
Smart Card Reader:	ISO 7816, EMV Level 1&2 approved; 3V & 5V Cards (optional)
Contactless:	Build-in Contactless module; supports all layers of ISO 14443 Type A&B communication scheme; H/W ready for NFC
SAM and SIM Module:	2 SAMs (optional)

SECURITY

PCI	PCI PTS 5.x
EMV	Contact / Contactless L1 and L2
Security Encryption	TDES, RSA, AES, Master/Session key and DUKPT key management

RELIABILITY

Magnetic Card insertion	500K times
ICC Card insertion	500K times
Drop resistance	76cm

I/O INTERFACE

Standard I/O:	USB/RS-232 by cable selection
Indicators:	4 x LED indicators for EMV
Audio:	Buzzer, Speaker

POWER SYSTEM

Power Supply	DC : 5V~12V, 1A
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DATA CAPTURE

Reader	Fingerprint (Optional Accessory)
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MECHANICAL & ENVIRONMENTAL

Temperature:	Operating : -10°C to +50°C Storage : -20°C to +70°C
Humidity :	5% to 90%
Dimensions:	149mm(L) x 84mm(W) X 25mm(H)
Weight:	330g
Display:	2.8" color LCD 320x240 pixels with backlight
Keyboard	15 standard keys; 3 function keys

AGENCY APPROVAL

FCC Class B, CE



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