

PIN Pad A10-P

The A10-P is a compact PIN pad, designed to support financial inclusion scenarios as well as innovative payment schemes in mature markets. Another optional feature is fingerprint reader, the spec is TBD.

Quick Features

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

Specification

Processor	Microchip SAMA5D28
Memory	DDR2 64MB
Storage	Flash 256MB
Display	2.8" IPS 320x240
OS	Linux
Audio	Buzzer (Default) Speaker x1 (PCBA Reserved) Buzzer Sound Pressure Level:70 dB/10cm(2.5KHz)
Reader	
Magnetic Card Reader	Bi-directional, support triple tracks ISO7811 Speed 5 to 40 IPS 1,000,000. swipe times
Smart Card Reader	ISO7816, T=0 , T=1 EMV Level 1, Support 5V/3V 500,000. inserted times
Contactless	ISO14443A&B, MIFARE HW Ready for NFC
I/O Connector	
RJ45	Wafer to RJ45 (optional)
Pig-tail cable	Wafer to USB/RS232 (Cable selection) (USB port A for SAMBA)
DC Jack	On cable
SAM	X0, x2(optional)
Debug console	2.54mm Head X1(2pin)
LED indicator	Mono, Green X4 for EMV
Keypad	Rubber Keys *18 (Func. keys*3, STD Keys *15)
Environment	
Operating	0°C to +50°C

A10P manual

Temperature	
Storage Temperature	-20°C to +70°C
Humidity	5% to 90%
Reliability Requirements	
MTBF	100,000 hours
Drop test	76 cm without damage
ESD	Air : +/-15KV Contact : +/- 8KV

Installation guide(USB Interface)	
1	Plug the USB cable to the USB port of PC.
2	Install the driver





FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.