

## UIC BEZEL8-S

## BEZEL8-S Credit card Reader

## Specification:

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<b>Processor</b>	Microchip SAMA5D23
<b>Memory</b>	DDR3 256MB
<b>Storage</b>	QSPI-Flash 32MB
<b>Display</b>	Graphic LCD @ 128 x 64
<b>OS</b>	Linux
<b>Audio</b>	Buzzer $\geq$ 70dB @ 10cm
<b>Reader</b>	
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	Support ISO 14443 Type A/B and Mifare with 4 LEDs, EMV contactless L1
<b>I/O</b>	
RS-232/USB	USB(VCOM) or RS232, Cable-select
AUX	RS232, as auxiliary port
LAN	10BASE-T/100BASE-T ethernet
DC in	5V, 1A
SAM	x 1
Debug console	Special cable through auxiliary port
LED indicator	x 4 for RFID, 1 set for MSR, 1 set for ICC
Buttons	Rubber button x 2
<b>Communication</b>	
Ethernet	x 1 (Optional)
Wifi	x 1 (Optional)
<b>Environment</b>	
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Humidity	5% to 90%
<b>Reliability Requirements</b>	
MTBF	50,000 hours
ESD	Contact : +/- 8KV Air : +/- 15KV Centurion/ Metal card : +/- 8KV(insert half of the card)

**B8-S manual**

Button	1M times
IP Level	IP54
IK Level	IK06
UV	UV exposure resistance

**Installation guide(RS232 Interface)**

<b>1</b>	Plug the RS232 cable to the port of PC or system
<b>2</b>	The reader will boot up automatically
<b>3</b>	The reader will boot up automatically

**Photos:****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 statements

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons..

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