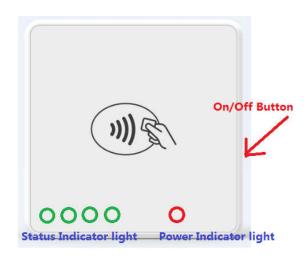
## **D135 Secure Card Reader**



### 1. Instructions

#### 1) Power ON/OFF

Power on: Press button for 3 seconds until 'Di' is heard, and then power indicator light is lighted.

Power off: Press button for 3 seconds until four status indicator light is lighted and then off, then the POS terminal is being turned off.

2) IC Card

Put IC card chip side upward, push-in IC card slot and to bottom.

3) Contactless Card

The card read area is above the EMV Contactless symbol.

4) Battery Charge display

Connecting USB port with external adapter can charge the battery. If the power indicator light is flashing red slowly, it indicates that pos is charging. If the power indicator is steady green, it indicates that pos is full charge.

# 2. Terminal Specifications

Processor Cortex M3, 96MHz

Memory Space 1MB in-chip Flash and 4MB Out-of-chip Flash,128KB SRAM

Keyboard one ON/OFF/Download key.

IC Card Reader Conform to ISO7816, EMV L1&L2 and PBOC3.0 standard

Magnetic card Conform to ISO7811, ISO7812 standard

Contactless Card Conform to ISO14443 TypeA & TypeB;Mifare ® standard

Communication Mode BT

Interface 1 Type-C USB (Device)

Audio Buzzer
Power supply 5V/500mA

Working Condition Working temperature:  $0^{\circ}\text{C}\sim50^{\circ}\text{C}$ 

Relative humidity: 10%~93% (Non-condensing)

Storage Condition Storage temperature: -20 °C ~70 °C

Relative humidity: 10%~93% (Non-condensing)

# 3. Installation and Usage Tips

1) Avoid putting the terminal in direct sunlight, high temperature, moist, or dusty environment.

- 2) Forbid non-professional to repair the terminal.
- 3) Before insert the card, please check internal and around of IC card slot. if you found some suspicious objects, must report to related administrator.

# 4. Lithium Ion Battery Usage Tips

- 1) Avoid putting the battery in sunlight or smoke, dusty environment.
- 2) Forbid crushing, treading ,throwing the battery into fire or liquid.
- 3) Replace the battery immediately if it is damaged(exothermic or distorted).
- 4) It is recommended changing battery that used more than two years.

## **FCC Regulations:**

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.

This device 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 radiated 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:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FCC RF Exposure Information (SAR)

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage near the body. Although the SAR is determined at the highest certified power level, the actual SAR level of the while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of <a href="www.fcc.gov/oet/ea/fccid">www.fcc.gov/oet/ea/fccid</a> after searching on

FCC ID: V5PD135

For this device, the highest reported SAR value for usage near the body is 0.22 W/kg.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

#### **ISED Notice**

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

IC: 11689A-D135

### **ISED Radiation Exposure Statement**

This EUT is in compliance with SAR for general population/uncontrolled exposure limits in ISED RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil est conforme aux limites d'exposition DAS incontrôlée pour la population générale de la norme CNR-102 science de l'innovation et le développement économique Canada et a été testé en conformité avec les méthodes de mesure et procédures spécifiées dans IEEE 1528 et IEC 62209. Cet appareil et sa ou ses antennes ne doivent pas être co-localisés ou fonctionner en conjonction avec tout autre antenne ou transmetteur.

PAX TECHNOLOGY LIMITED reserves the right to change product technology specifications without notifying.



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