P/N: 200312000000378

PAX TECHNOLOGY LIMITED reserves the right to change product specifications without prior notification.

PAX TECHNOLOGY LIMITED

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 compromettre le fonctionnement.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

The Country Code Selection feature is disabled for products marketed in the US/Canada.

La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.

Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

CAN ICES-3 (B)/NMB-3(B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canad.

UL 121201

1) PRODUCTS MARKED "CLASS I, DIV 2, GP A, B, C, D" ARE SUITABLE FOR USE IN CLASS I DIVISION 2 GROUPS A, B, C, D, HAZARDOUS LOCATIONS AND NONHAZARDOUS LOCATIONS ONLY.

1) LES PRODUITS MARQUÉS "CLASS I, DIV 2, GP A, B, C, D" NE CONVIENNENT QU'À UNE UTILISATION EN ENVIRONNEMENTS DE CLASSE I DIVISION 2 GROUPES A, B, C, D DANGEREUX ET NON DANGEREUX.

2) WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS.

2) AVERTISSEMENT - RISQUE D'EXPLOSION - NE PAS DÉBRANCHER L'ÉQUIPEMENT LORSQUE LE CIRCUIT EST SOUS TENSION OU SI LA ZONE EST EXEMPTE DE MATÉRIEL INFLAMMABLE.

3) THIS DEVICE IS INTENDED TO BE PANEL MOUNTED ON TTHE FRONT OR THE SIDE OF TOOL SECURED

ENCLOSURES BY FOUR MOUNTING UNITS TO FIX THE AUXILIARY FIXED PART WITH THE MOUNTING PANEL AND ANOTHER FOUR MOUNTING UNITS ON THE REAR SIDE OF THE DEVICETO FIX WITH THE AUXILIARY FIXED PART. THE REAR SIDE OF THE MODULE MUST BE PLACED INTO A TOOL SECURED ENCLOSURE IN THE FINAL INSTALLATION. THE SUITABLE INSTALLATION METHODS SHALL BE PROVIDED AS TECHNICAL ASSISTANCE FOR END USER AND SHALL BE SUBJECT TO INVESTIGATION BY THE LOCAL AUTHORITY HAVING JURISDICTION AT THE TIME OF INSTALLATION.

4) TEMPERATURE CODE: T4A

4) CODE DE TEMPÉRATURE: T4A

5) AMBIENT TEMPERATURE RANGE: -20°C TO 70°C.

5) PLAGE DE TEMPÉRATURES AMBIANTES: -20°C TO 70°C.

Index of Icons

⑦

🗑 do not throw away, requires professional recycling

▣ Class II equipment

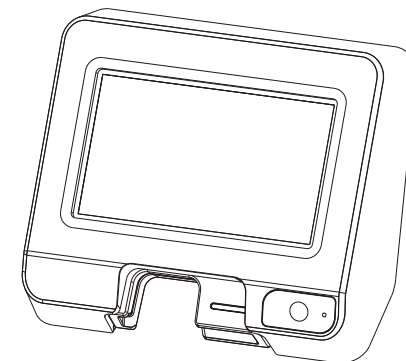⌂ for indoor use only

Ⓥ energy efficiency marking (level VI)

∼ AC voltage

⎓ DC voltage

Quick Setup Guide

**IM20
POS TERMINAL**

PAX TECHNOLOGY LIMITED

Contents

1

Please make sure the following items are included with your IM20 POS terminal. If any items are missing, contact your dealer.

Name	Quantity
IM20 POS Terminal	1
USB Cable	1
M4 Nut	4
M3 Screw	4
Mounting Bracket	1
IM20 Quick Setup Guide	1

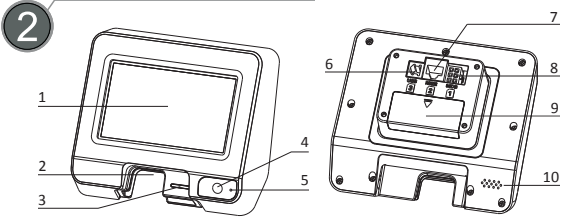## Product Description

2

Figure 1: front view   Figure 2: back view

1. LCD & Touchscreen
2. Smart Card & Magnetic Strip Card Reader
3. Status Indicator Light
4. Camera
5. Camera Indicator Light
6. USB Type-B
7. RS232
8. MDB Port
9. SAM Card Cover
10. Speaker

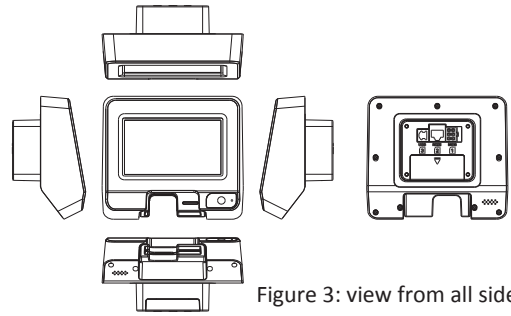
Figure 3: view from all sides
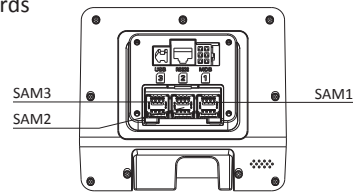
Installation

3

1) SAM Cards

Figure 4: SAM card mounts

Remove the SAM card cover. Open the card mount and insert the card into the slot with the contacts facing downwards and the clipped corner of the card to the upper left, then lock the mount and replace the SAM card cover.

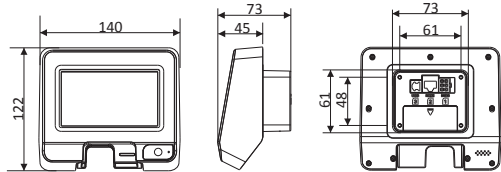2) IM20 Clearance Holes and Dimensions

Figure 5: device dimensions (mm)
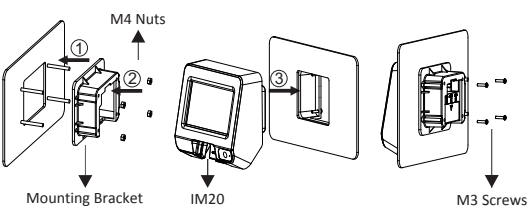
3) Recommended Device Installation

Figure 6: installation and mounting

Instructions

4

1) Switching the device on and off

Switch on: Link the IM20 to a power source via the USB or MDB terminal (make sure to have the correct voltages and pinouts).

Switch off: Disconnect the IM20 from the power terminal it is connected to.

---

2) Smart Card Interface

Insert the card fully into the card reader slot with the contacts oriented upwards and towards the IM20.

3) Magnetic Strip Card Interface

Orient the card with the magnetic strip facing down and to the right, then insert the card fully into the card reader slot before quickly pulling out the card.

4) Contactless Interface

Orient the card or NFC device parallel to the LCD screen and then place it directly above the screen.

Maintenance and Usage

5

1) Replace any damaged cables immediately.

2) Make sure the various cables connect to provide the appropriate voltages at the proper pins.

3) Do not insert unknown materials into any port on the IM20, this may cause serious damage to the device.

4) If the IM20 requires repair, contact a professional technician instead of attempting them yourself.

5) The IM20 is designed for outdoor use; however, it should still be keep clear of possible contaminants.

6) While the IM20 is designed to resist ingress of dust and liquids, it is not designed to resist pressurized liquids such as water hoses. Keep the back of the device away from dust and liquids as much as possible.

Compliance Statements

6

FCC COMPLIANCE STATEMENT

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.

Warning

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 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 manufacturer could void the user's authority to operate this equipment.

Radiation Exposure

This device complies with FCC radiation exposure limits for general environments.

INDUSTRY CANADA STATEMENT

This device complies with Industry 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 d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: