



CERTIFICATE RED-1965
Issue no. 1

EU TYPE EXAMINATION CERTIFICATE
RADIO EQUIPMENT DIRECTIVE 2014/53/EU

Product	Smart Mini Payment Terminal
Type	A77
Trademark	PAX
Certificate Holder	PAX Computer Technology (Shenzhen) Co., Ltd 4/F, NO.3 Building, Software Park, Second Central Science-Tech Road, High-Tech Industrial Park, Shenzhen
Manufacturer	Same as certificate holder
Technical information	Listed at page 2
Compliance with the requirements on the basis of type examination	Product fulfils the requirements of the standard(s) listed at page 2 and the essential requirements set out in Article 3.1a (health and safety), Article 3.1b (EMC), Article 3.2 (radio spectrum use) of Radio Equipment directive 2014/53/EU
Validity	This certificate is valid until 2025-05-27 unless the standard in question has been amended or superseded.
Date of issue	27 May 2020
Signature	SGS Fimko Ltd.



Salvatore Petrachi
Certification Manager

SGS Fimko Ltd is a Notified Body (0598) according to the RE Directive 2014/53/EU.



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Business ID 0978538-5

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Applied Standards

Article	Standards	Test Report Number
3.1a Health	EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	KSEM200300019901
3.1a Safety	EN 62368-1:2014+A11:2017	SZES200200058301
3.1b EMC	EN 55032:2015 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017 EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 Draft EN 301 489-17 V3.2.2 EN 301 489-19 V2.1.1 Draft EN 301 489-52 V1.1.0	SZEM200200082601 SZEM200200082602
3.2 Radio Spectrum	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 300 440 V2.2.1 EN 300 330 V2.1.1 EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2 EN 303 413 V1.1.1	SZEM200200082603 SZEM200200082604 SZEM200200082605 SZEM200200082606 SZEM200200082607 SZEM200200082608 SZEM200200082609 SZEM200200082610 SZEM200200082611 SZEM200200082612

Technical Information

Power Supply:

Battery: YW-009, DC 3.8V Lithium ion Battery(3020mAh),
Adapter: Model: GLH50C2000HW, Input: AC100-240V, 50/60Hz, 0.4A
Model: SW-1772, Input: AC100-240V, 50/60Hz, 0.5A

Cable:

USB cable: 1m unshielded cable without ferrite core

Frequency Band:

BT/BLE: 2402MHz-2480MHz
2.4G Wi-Fi (IEEE 802.11b/g/n): 2412-2472MHz, 2422-2462MHz
5G Wi-Fi (IEEE 802.11n/ac): 5180-5240MHz, 5190-5230MHz, 5210MHz
5260-5320MHz, 5270-5310MHz, 5290MHz
5500-5700MHz, 5510-5670MHz, 5530MHz
5745-5825MHz, 5755-5795MHz, 5775MHz

NFC:

13.56MHz

GSM900, DCS1800

UMTS: Band I/VIII

LTE: Band 1/3/7/8/20/38/40

GNSS: GPS L1; GLONASS G1

Transmit power:
BT: 6.56dBm EIRP
BLE: 5.84dBm EIRP
2.4G Wi-Fi: 17.69dBm EIRP
5G Wi-Fi: 16.88dBm EIRP
NFC: -9.84dB μ A/m at 10m
GSM900: 33dBm
DCS1800: 30dBm
UMTS: 24dBm (Band I/VIII)
LTE: 23dBm (Band 1/3/7/8/20/38/40)

Antenna Type: PIFA (BT, BLE, 2.4G Wi-Fi, 5G Wi-Fi, GSM900, DSC1800, UMTS, LTE)
Loop antenna (NFC)

Antenna Gain: 0.8dBi (BT, BLE, 2.4G Wi-Fi)
1.2dBi (5G Wi-Fi)
1dBi (GSM900, UMTS Band VIII, LTE B8/20)
1.5dBi (DCS1800, UMTS Band I, LTE B1/3/7/38/40)

Hardware version: A77-0AW-RDx-xxxx
Software version: 25.01.xxxx

Additional information

This type examination certificate is based on the inspection of the technical file ref. no. TF_ SZEM2002000826CR dated May 19 2020.

This certificate is valid only for the types mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.

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