ID Platform FAP50 MRZ SC

Quick Start and Regulatory Guide

COPPERNIC
MOBILITY I CONNECTED DATA I ANALYTICS

| Non-Contractual Picture |

SAFETY PRECAUTIONS

- The items supplied with the device and any available accessories may vary depending on the region.

- The supplied items are designed only for this device and may not be compatible with other devices.

- Appearances and specifications are subject to change without prior notice.

- Additional accessories can be purchased from your local COPPERNIC retailer.

- Using unapproved accessories may cause performance issues and malfunctions that are not covered by the warranty.
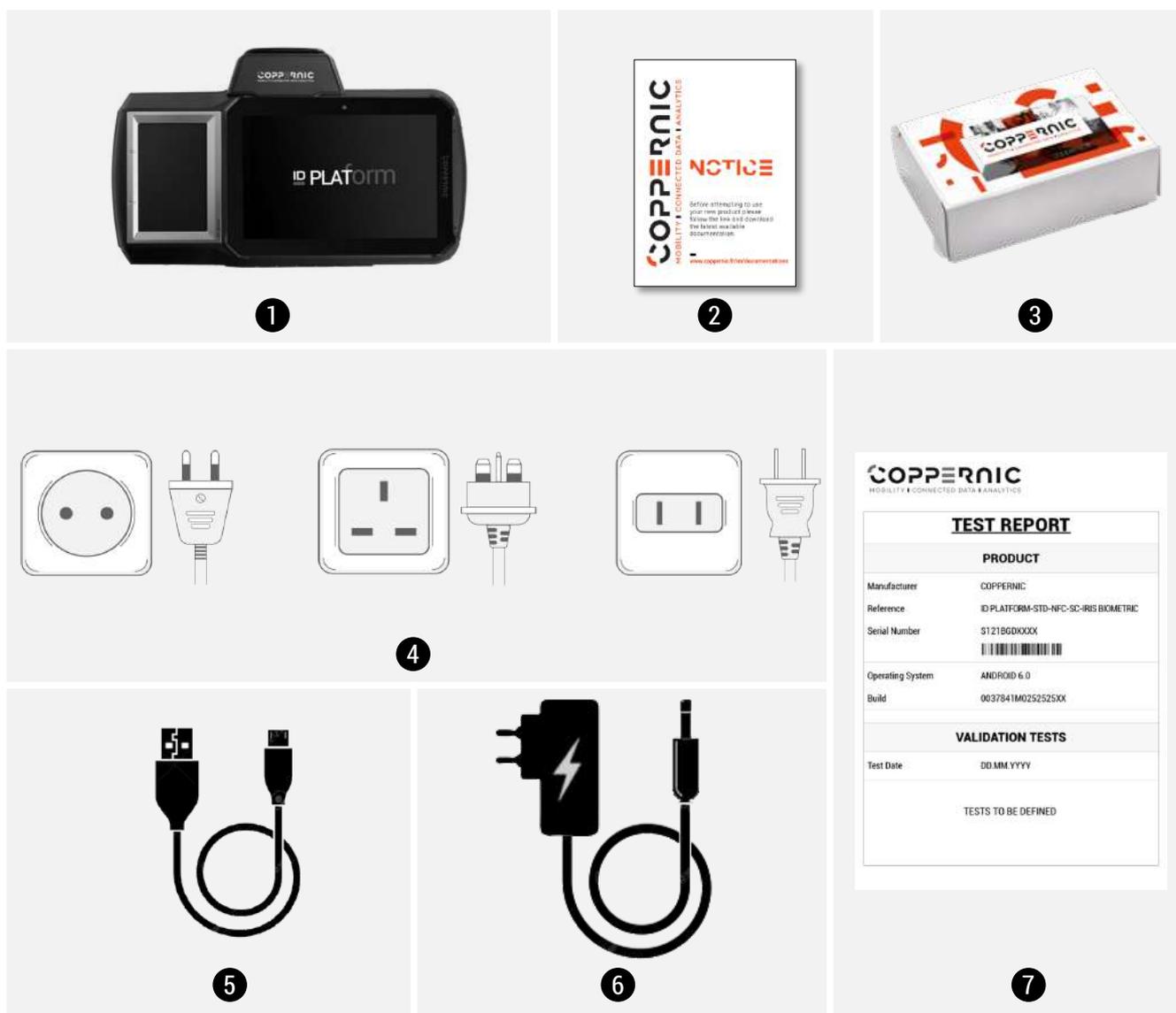
AVAILABILITY OF ALL ACCESSORIES IS SUBJECT TO CHANGE.

ID Platform FAP50 MRZ SC
Quick Start and Regulatory Guide

WHAT'S IN THE BOX ?

❶ DEVICE	❹ PLUGS : EU	UK	US	❼ TEST REPORT
❷ NOTICE	❺ CABLE MICRO USB C	USB A	
❸ BOX	❻ POWER JACK CABLE	

ID Platform FAP50 MRZ SC
Quick Start and Regulatory Guide

PRODUCT OVERVIEW

MRZ Reader (USB 3)

fingerprint sensor
FAP50 (USB 1)

front camera

light sensor

charge indicator

Rear camera

NFC
antenna area

LED flash

LED flash

loudspeaker

battery cover

IR led

IR led

Smart Card
Reader

Product label

iris scanner

| Non-Contractual Pictures |

QSG 230252 A00

PRODUCT OVERVIEW

function key
configurable

SIDE VIEW #01

power key   volume keys +/-

SIDE VIEW #02

12V/2,5A power jack cable

USB-A host port

USB-C service port

SIDE VIEW #03

micro sim card slot

audio jack

micro sd card slot

micro sam slot

coppernic.fr

| Non-Contractual Pictures |

SAS AU CAPITAL DE 100 000 EUROS • RCS : AIX 509 059 572
SIRET : 509 059 572 00024 • APE 6201Z • TVA : FR 58 509 059 572

TOUCHSCREEN RECOMMENDATIONS

ID PLATFORM IS EQUIPPED WITH A 5 POINTS MULTITOUCH GFF SENSOR TYPE.

- Do not allow the touchscreen to come into contact with other electrical devices

- Electrostatic discharges can cause the touchscreen to malfunction

- To avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognize touch inputs close to the edges of the screen, which are outside of the touch input area

- It is recommended to use fingers or dedicated touch stylus when using the touchscreen

Setting up your device

CAUTION

ID Platform FAP50 MRZ SC can accommodate only one type of removable battery.

Charge the BATTERY

1. 12.600 mAh battery should be charged ONLY with the charger provided. Damage occurring when using another charger will not be covered by the warranty.
2. Charge the battery using the COPPERNIC charger:

    ▪ Insert the DC Power Jack plug into the ID Platform tablet as shown into the connector with the flat part facing up:
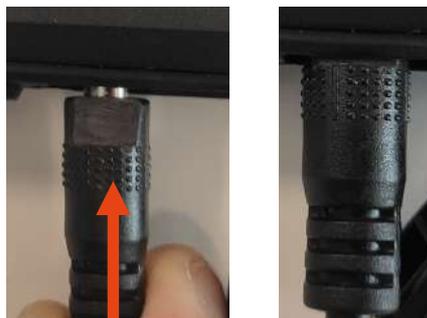
    ▪ Put the suitable country power adapter into plug.

Charge LED indicators

	Power On Mode	Power Off Mode
🔴	Charging	Charging
☀️	Error	Error
🔴🟢	Battery level > 90%	N/A
🟢	Battery level 100%	N/A

charge indicator

Charging time

Charge (%)	0 − 75%	75 − 100%
Time (h)	2h	+ 2-3h

NOTES

- Battery charge is using QUALCOMM patented Quick charge algorithm.
- Charging current can be up to 5A but will depend on battery state of charge and device temperature. Hot environment or extensive operation may slow down the charge.

Setting up your device

MICRO SD card installation

NOTE

Micro SD cards up to 256GB can be used with the ID Platform FAP50 MRZ SC (not included)

- To insert the Micro SD card, open the side door.

- Insert carefully the Micro SD card into the slot as shown with the gold contacts facing up.

- Insert the memory card all the way until you hear a locking sound.

- To remove the Micro SD card, push against the edge of the memory card and release it softly.

Micro SD card

Setting up your device

MICRO SIM card installation

- Switch off the tablet.

- To insert the Micro SIM card (SIM1), open the side door.

- Insert carefully the Micro SIM card into the slot as shown with the gold contacts facing up.

- Insert the Micro SIM card all the way until you hear a locking sound.

- To remove the Micro SIM card, push against the edge of the card and release it softly.

NOTE
The SAM slot could be used for a second SIM card (SIM2)
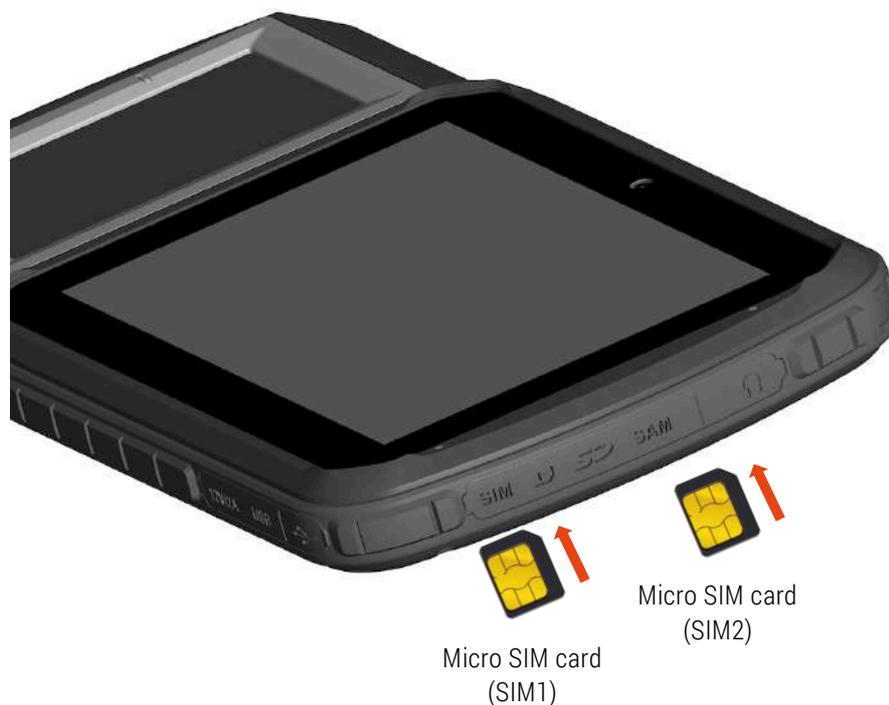
Micro SIM card
(SIM2)

Micro SIM card
(SIM1)

Setting up your device

MICRO SAM installation

- To insert the Micro SAM, open the side door.

- Insert carefully the Micro SAM into the slot as shown with the gold contacts facing up.

- Insert the Micro SAM all the way until you hear a locking sound.

- To remove the Micro SAM, push against the edge of the card and release it softly.

- Then, install the dedicated applications to use this Secure Element.

Micro SAM card

Setting up your device

Audio

- Wired headset (microphone + stereo earpieces) can be used with the ID Platform FAP50 MRZ SC

- Headset with CTIA 3.5mm jack should be used

- ID Platform is also compatible with any type of wireless BT 4.x accessories

insert headset jack here

Using your device

TURNING ON | TURNING OFF your device

Power On | Press and hold during 3 sec. the power button.
Power Off | Press and hold during 3 sec. the power button and select "Power off" in the dialog box.
Reboot | Press and hold during 3 sec. the power button and select "Reboot" in the dialog window to restart the device.
Suspend Mode | Press and release the power button to place the device in suspend mode. The display will be off and go into a low power state to save battery power.
Reset | Press and hold the power button during 13 sec.

power key

USB Communication Management

The ID Platform FAP50 MRZ SC is equipped with **1x USB** communication port internally switched to manage different peripherals:
- USB Expansion (for FAP50, MRZ or SC peripheral)
- USB type A host connector
- USB type C for service port

The USB for internal peripherals and external USB-A are the USB lines with the high priority level.
USB-C service port is not available when an internal peripheral or USB-A is turned on.

ConfigureDev

To manage the USB communication, please use the ConfigureDev application and enable/disable the required options:

USB 1 FAP50	USB 3 MRZ	USB 2 SC	USB type A	USB Type C
FAP50_USB1 ON	FAP50_USB1 OFF	FAP50_USB1 OFF	FAP50_USB1 OFF	FAP50_USB1 OFF
MRZ_USB3 OFF	MRZ_USB3 ON	MRZ_USB3 OFF	MRZ_USB3 OFF	MRZ_USB3 OFF
SCR_USB2 OFF	SCR_USB2 OFF	SCR_USB2 ON	SCR_USB2 OFF	SCR_USB2 OFF
USB_HOST OFF	USB_HOST OFF	USB_HOST OFF	USB_HOST OFF	USB_HOST OFF

Using your device

DATA CAPTURE | photos & videos

Use the rear or the front camera to take photos and capture videos.

1. Go to Home Screen > select "**Camera**" > Tap camera icon or screen to take a picture/switch to video icon and tap for video recording.
2. Using the rear or the front camera to take photos and capture video.

NOTE

Ensure device memory or Micro SD card space is available.

DATA CAPTURE | NFC & biometrics

NFC & IRIS SCANNER (optional)

To read NFC card, please put the TAG/CARD on the NFC area.
Use dedicated application for iris identity enrolment. Use iris scanner on the back of the tablet to authenticate.

NFC READING AREA

IR led

IR led

iris scanner

FINGERPRINT SENSOR

Please put the finger(s) on the fingerprint sensor taking care to make contact with the metal part.

NOTE

Fingerprint sensor is connected on the USB line for internal peripherals with the highest priority level. USB-C service port is not available when fingerprint sensor is turned on.

Using your device

MRZ READER

A document can be swiped in both directions RIGHT and LEFT.
The illustration below shows the exact location which be read by the OCR reader when swiped.

Machine Readable Zone (MRZ)

1. Open the document and insert it as the picture below. Be careful to the orientation of the passport.
2. Slide the document inside the slot until fully inserted.

3. Continue swipe, at a steady speed, along the slot.

4. Ensure swipe action continues to the end of the slot before lifting the document.
5. If the Machine-Readable Zone (MRZ) of the document has been read correctly, the terminal will display the right information.

However, if this is not the case, an error will display to the screen to indicate the failure to read correctly.
If a read is unsuccessful then re-present the document; for persistent errors refer to the Troubleshooting section.

Using your device

BEST PRACTICE FOR READING RELIABLY

To do :
- Hold document still during read process.
- Ensure document is fully inserted inside the slot.

Do not do :
- Remove document until host application instructs you to do.
- Insert damaged or defaced documents on the reader.
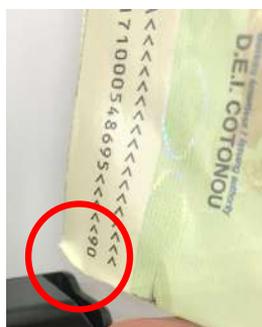
Using your device

CLEANING MRZ READER

- The reading window can be cleaned by inserting inside the slot a soft clean lint-free cloth.
- Remove the OCR accessory from the terminal and clean the glass window as showed in the picture below.

TROUBLE SHOOTING

Problem	Possible Cause	Solution
Persistent bad reads	The document is oriented incorrectly in the slot guide	Refer to Best practice for reading reliably section
	Dirty window	Refer to cleaning section
Persistently not reading	Bad connection between OCR and terminal	Check all mechanical connexion Refer to Check electrical connexion section
	Demo application not running on terminal or not working properly	Consult with support team

Using your device

SMART CARD READER

1. Insert the card with the contact down.

2. Slide the card completely into the reader.

CE Regulatory information

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CERTIFICADO DE EXAMEN UE DE TIPO

EU-TYPE EXAMINATION CERTIFICATE

ENAC
CERTIFICACIÓN

No. 0370-RED-4696

EMITIDO POR / *ISSUED BY*	LGAI TECHNOLOGICAL CENTER - No. 0370 (APPLUS)			
SOLICITANTE / *APPLICANT*	COPPERNIC			
FABRICANTE (Nombre, Dirección) *MANUFACTURER (Name, Address)*	COPPERNIC 20 rue Georges Claude, 13290 Aix en Provence, France			
COMERCIALIZADO POR (marca) *COMMERCIALISED BY (Brand)*	COPPERNIC			
PRODUCTO *PRODUCT*	ID Platform			
TIPOS *TYPES*	ID Platform FAP50			
Versión HW / FMW *HW / FMW version*	SW: Android 9 HW: W006C V2.0			
DIRECTIVA APLICABLE *APPLICABLE DIRECTIVE*	DIRECTIVA 2014/53/UE DEL PARLAMENTO EUROPEO Y DEL CONSEJO, DE 16 DE ABRIL DE 2014, RELATIVA A LA ARMONIZACIÓN DE LAS LEGISLACIONES DE LOS ESTADOS MIEMBROS SOBRE LA COMERCIALIZACIÓN DE EQUIPOS RADIOELÉCTRICOS *DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 APRIL 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MAKING AVAILABLE ON THE MARKET OF RADIO EQUIPMENT*			
DESCRIPCIÓN *DESCRIPTION*	The device is an ID Platform with Bluetooth, WLAN 2.4GHz, RLAN 5GHz, SRD 5.8GHz, GSM, WCDMA, LTE, NFC and GPS RX.			
CUMPLE CON LOS REQUISITOS ESENCIALES *MEET ESSENTIAL REQUIREMENTS*	Art.3.1a Salud y Seguridad / *Art.3.1a Health & Safety*	☒	Art. 3.2 Uso eficiente del espectro radioeléctrico / *Art.3.2 Efficient use of Radio spectrum*	☒
	Art.3.1b EMC / *Art.3.1b EMC*	☒	Art 3.3 Características especiales / *Art.3.3 Special characteristics*	☐

Este documento carece de validez sin su anexo, cuyo número coincide con el del presente certificado. // *This document in not valid without its technical annex, whose number coincides with the number of the certificate.*

La evaluación de la documentación técnica entregada se encuentran recogidos en el expediente técnico número: 21/36402673
The evaluation of the technical documentation delivered is included in the technical file number: 21/36402673

Restricciones (si aplican) / *Restrictions (if apply):*

Bellaterra, 16 de septiembre de 2021 // *16th September 2021*

Applus⊕

José Luis Medina
Director
Electrical & Electronics - Spain

Este Certificado es válido mientras no se produzcan cambios en el estado de la técnica que indiquen que el equipo radioeléctrico aprobado ya no puede cumplir los requisitos esenciales de la Directiva 2014/53/UE y no haya notificaciones en el tipo aprobado que puedan afectar a la conformidad con los requisitos esenciales de la Directiva 2014/53/UE
This Certificate is valid as long as there are no changes in the prior art indicating that the approved radio equipment no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the Accordance with the essential requirements of Directive 2014/53/EU

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LGAI TECHNOLOGICAL CENTER, S.A. CIF: A-63207402

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Anexo técnico Ed. 1
16/09/2021

ANEXO TÉCNICO
TECHNICAL ANNEX

0370-RED-4696

A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: France
Brand: COPPERNIC
Commercial designation: COPPERNIC
Country of commercialization: European Union
Radio service: Bluetooth, WLAN 2.4GHz, RLAN 5GHz, SRD 5.8GHz, GSM, WCDMA, LTE, NFC
and GPS RX.
Application: ID Platform

A.1.1 TRADE VERSIONS/VARIANTS: ID Platform FAP50

A.2. FEATURES: ID Platform

A.3. SOFTWARE VERSION(S): Android 9

A.4. HARDWARE VERSION(S): W006C V2.0

A.5. OTHER COMPONENTS
- **Disposable antenna YES ☐   NO ☒**
    - ○ **Antenna gain (dBi)*:**
      (*) only in case of YES

- **Battery packet (model, manufacturer, characteristics,..):**
    - ○ Manufacturer: Dongguan Geelink Technology Co., Ltd.
    - ○ Model: BP01
    - ○ Specification: 3.8Vdc, 12600mAh, 47.88Wh

- **External Power Adapter (model, manufacturer, characteristics,..):**
    - ○ Manufacturer: Xinsu Global Electronic Co.,Limited
    - ○ Model: XSG1202500
    - ○ Input: AC100-240V, 50/60Hz, 0.6A Max.
    - ○ Output: DC12V, 2.5A

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16/09/2021

ANEXO TÉCNICO
TECHNICAL ANNEX

0370-RED-4696

A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

BAND	SERVICE	OPERATIONAL FREQUENCY (TX)		MAX POWER*	CNAF IR	CNAF/ UN-XXX
Band 1	Bluetooth BR+EDR	F_min: 2402MHz	F_max: 2480MHz	6.98dBm	IR-163	UN-85
Band 2	Bluetooth LE	F_min: 2402MHz	F_max: 2480MHz	-5.5dBm	IR-163	UN-85
Band 3	WLAN 2.4GHz	F_min: 2412MHz	F_max: 2472MHz	14.15dBm	IR-163	UN-85
Band 4	RLAN 5.2GHz	F_min: 5180MHz	F_max: 5240MHz	8.86dBm	IR-12	UN-128
Band 5	RLAN 5.3GHz	F_min: 5260MHz	F_max: 5320MHz	8.43dBm	IR-12	UN-128
Band 6	RLAN 5.6GHz	F_min: 5500MHz	F_max: 5700MHz	9.91dBm	IR-12	UN-128
Band 7	SRD 5.8GHz	F_min: 5745MHz	F_max: 5825MHz	8.46dBm	IR-82	UN-115 y UN-130
Band 8	GSM 900 MHz	F_min: 880MHz	F_max: 915MHz	33.20dBm	IR-19	UN-41
Band 9	GSM 1800MHz	F_min: 1710MHz	F_max: 1785MHz	30.01dBm	IR-20	UN-48
Band 10	UTRA Band 1	F_min: 1920MHz	F_max: 1980MHz	23.12dBm	IR-21	UN-48
Band 11	UTRA Band 8	F_min: 880MHz	F_max: 915MHz	23.07dBm	IR-19	UN-41
Band 12	E-UTRA FDD Band 1	F_min: 1920MHz	F_max: 1980MHz	21.95dBm	IR-21	UN-48
Band 13	E-UTRA FDD Band 3	F_min: 1710MHz	F_max: 1785MHz	23.81dBm	IR-217	UN-140
Band 14	E-UTRA FDD Band 7	F_min: 2500MHz	F_max: 2570MHz	23.06dBm	IR-223	UN-52
Band 15	E-UTRA FDD Band 20	F_min: 832MHz	F_max: 862MHz	22.96dBm	IR-220	UN-153
Band 16	E-UTRA FDD Band 28	F_min: 703MHz	F_max: 748MHz	22.52dBm	IR-219	UN-153
Band 17	E-UTRA TDD Band 40	F_min: 2300MHz	F_max: 2400MHz	22.52dBm	Austria	Austria
Band 18	NFC	F_min: 13.56MHz	F_max: 13.56MHz	-28.14dBµA/m, @3m	IR-116	UN-114
Band 19	GPS Receiver	F_min: 1575.42MHz	F_max: 1575.42MHz	N/A	N/D	N/D

N/A: Not applicable
N/D: Not defined

* Conducted power for mobile technologies and EIRP for other technologies.

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Anexo técnico Ed. 1
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ANEXO TÉCNICO
TECHNICAL ANNEX

0370-RED-4696

A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

Requires license/Use authorization: YES ☒   NO ☐

NOTE mobile service: Class I because of mobile station.

B.   TEST PROTOCOL

REQUIREMENT	STANDARD	Laboratory	Report no.
Health and Safety (Article 3.1a)	IEC 62368-1:2014 (Second Edition)	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R09-2100133
	EN 62368-1:2014+A11:2017		
	EN 50566:2017	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100747 JYTSZB-R14-2100096
	EN 62209-2:2010		
	EN 50663:2017		
	EN 62479:2010		
EMC (Article 3.1b)	EN 301 489-1 V2.2.3	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100744
	EN 301 489-3 V2.1.1		
	EN 301 489-17 V3.2.4		
	EN 301 489-19 V2.1.1		
	Draft EN 301 489-52 V1.1.2		
	EN 55032:2015	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R01-2100242
	EN 55035:2017		
	EN 61000-3-2:2014		
	EN 61000-3-3:2013		
Radio Aspects (Article 3.2)	EN 300 328 V2.2.2	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100748 JYTSZB-R12-2100749 JYTSZB-R12-2100750
	EN 301 893 V2.1.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100751
	EN 301 511 V12.5.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100753
	EN 301 908-1 V13.1.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100754 JYTSZB-R12-2100755
	EN 301 908-2 V13.1.1		
	EN 301 908-13 V13.1.1		
	EN 300 440 V2.2.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100752
	EN 300 330 V2.1.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100745
	EN 303 413 V1.1.1	JianYan Testing Group Shenzhen Co., Ltd.	JYTSZB-R12-2100746

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Anexo técnico Ed. 1
16/09/2021

ANEXO TÉCNICO
TECHNICAL ANNEX

0370-RED-4696

C. RESTRICTIONS

Restrictions: YES ☒   NO ☐

Describe restrictions: The use for RLAN 5150~5350MHz band is restricted to indoor use. This restriction will be applied to all Member States of European Union listed in the user manual.

D. ACTIVITIES CARRIED OUT BY THE NB

Technical Documentation Review

☐ Assembly drawings(s)   ☒ Block diagram   ☒ Circuit diagram/schematics
☒ External photographs   ☒ Label drawing/location   ☒ User manual
☒ Internal photographs   ☒ Operational description   ☒ Risk Assessment
☒ Test set-up photographs   ☒ Test reports   ☒ EU declaration of conformity
☒ Bill of materials   ☒ PCB layout
☐ Installation diagrams and explanations   ☒ List of applied (harmonized and non-harmonized) standards

Other activities

☒ RIS
☒ EFIS/CNAF
☒ Review Technical Justifications
☒ Analysis report
☒ EU type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.

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EMITECH CERTIFICATION

cofrac
Accréditation
n° 5-0549
Portée disponible sur
www.cofrac.fr
ilac-MRA
CERTIFICATION
DE PRODUITS
ET SERVICES

Certificat d'Examen UE de type / EU-type Examination Certificate
(Organisme Notifié / Notified Body: 0536)
N° 24-B548_C

Fabricant / Manufacturer:
COPPERNIC
  Adresse / Address: 20 rue Georges Claude, 13290 Aix en Provence, FRANCE

EMITECH, Service Certification certifie que le produit suivant / certifies that the following product:

  Terminal dédié aux contrôles d'identités biométriques
  Marque commerciale / Trademark: COPPERNIC
  Modèle / Model: ID Platform FAP50 MRZ SC
a été vérifié et répond aux Exigences Essentielles du référentiel / has been assessed and meets the Essential Requirements of:

Directive 2014/53/UE
Article 3.2

Procédure d'évaluation de la conformité / Conformity assessment procedure: Annex III, Module B
Rapport d'évaluation / Assessment report: N° 24-B548_R
Règles de certification / Certification rules: DQSS19000FOR00037 (03)

Date: 2 Avril/April 2024 Certificateur (nom) / Certifier (name): P. BONNENFANT Signature	Ce certificat d'examen UE de type vaut uniquement pour le(s) modèle(s) présenté(s) et ne préjuge pas de la conformité de la série / This EU-type examination certificate is only effective for model(s) submitted. It does not prejudge of the conformity of the manufactured products. L'utilisation pour tout autre produit est strictement interdite / Use for any other product is strictly prohibited.

Ce certificat comporte deux annexes / This certificate includes two annexes.

Toutes les modifications qui peuvent remettre en cause la conformité du produit aux exigences essentielles de la présente directive ou les conditions de validité du certificat devront nous être signifiées. Ces modifications peuvent nécessiter une nouvelle approbation sous la forme d'un complément au certificat initial / All modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate shall be notified to us. Such modifications may require additional approval in the form of an addition to the original EU-type examination certificate.

DQS S19 000 FOR 00035 (07)

EMITECH CERTIFICATION

Annexe 1 / Annex 1
Listes des normes appliquées / List of applied standards

- **Article 3.1**

a) Santé et Sécurité / Health and Safety
Analyse de l'exigence non demandée / Assessment of the requirement not requested.

b) Compatibilité électromagnétique / Electromagnetic compatibility
Analyse de l'exigence non demandée / Assessment of the requirement not requested.

- **Article 3.2 Utilisation efficace et optimisée du spectre / Effective and efficient use of spectrum**

EN 300 328 V2.2.2 - Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

EN 300 330 V2.1.1 - Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

EN 300 440 V2.1.1 - Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of Article 3(2) of Directive 2014/53/EU
EN 300 440 V2.2.1 - Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum

EN 301 511 V12.5.1 - Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

EN 301 893 V2.1.1 - 5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

EN 301 908-1 V15.2.1 - IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15
EN 301 908-2 V13.1.1 - IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
EN 301 908-13 V13.2.1 - IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

Note: La conformité à la présente norme harmonisée ne confère pas de présomption de conformité à l'exigence essentielle énoncée à l'article 3, paragraphe 2, de la directive 2014/53/UE si, en appliquant la clause 4.2.2 de ladite norme harmonisée, des tolérances supérieures à 2 dB sont appliquées. Les tolérances utilisées lors de l'évaluation du produit sont cependant inférieures ou égales à 2 dB / Compliance with this harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if, by applying clause 4.2.2 of this harmonised standard, tolerances greater than 2 dB are applied. The tolerances used during the evaluation of the product are however less than or equal to 2 dB.

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EMITECH CERTIFICATION

EN 303 413 V1.2.1 - Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard for access to radio spectrum

- **Article 3.3**

Analyse de l'exigence non demandée / Assessment of the requirement not requested.

En dehors de toute date d'expiration clairement spécifiée, ce certificat sera valable jusqu'à (1) la date de cessation de présomption de conformité de toutes normes remplacées qui ont été utilisées pour tester ce produit et évaluées par l'organisme notifié ou (2) la date de toutes modifications du produit approuvé susceptibles d'affecter la conformité de l'appareil aux exigences essentielles de la directive ou les conditions de validité de ce certificat / Outside of any clearly specified expiration date, this certificate will be valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved product that may affect the conformity of the apparatus with the essential requirements of the Directive or the conditions for validity of that certificate.

EMITECH CERTIFICATION

Annexe 2 / Annex 2
Description du produit / Product description

Usage prévu / Intended use:

IDPlatform FAP50 MRZ SC est un appareil électronique permettant de collecter des données (empreintes digitales, lecture RFID, lecture de code barre, lecture de carte à puce...) et de les communiquer sur un réseau 2G/3G/4G, WiFi/WLAN et BT / IDPlatform FAP50 MRZ SC is an electronic device for collecting data (fingerprints, RFID reading, barcode reading, smart card reading, etc.) and communicating it over a 2G/3G/4G, WiFi/WLAN and BT network.

Températures / Temperature * L'usage en-dehors de la plage validée n'est pas couvert par cet examen UE de type / usage outside validated range is not covered by this EU type examination	Plage validée / Validated range: -20/+40 °C
	Plage déclarée / Declared range*: -20/+60 °C
Alimentation / Power supply	3.8 Vdc (batterie / battery) + 100-240 Vac, 50/60 Hz (adaptateur / adapter - Model: XSG1202500; manufacturer: Xinsu Global Electronic Co.)
Versions logiciels, micrologiciels / Software, firmware versions	a223_pfp.fw, a330_pm4.fw, a530v1_pfp.fw, au4898_clg.bin, cpp_firmware_v1_4_0.fw, leia_pfp_470.fw, a225_pm4.fw, a430_pfp.fw, a530v1_pm4.fw, cpp_firmware_v1_10_0.fw, cpp_firmware_v1_3_0.fw, leia_pm4_478.fw, a225p0_pm4.fw, a420_pm4.fw, a530v2_seq.fw2, cpp_firmware_v1_12_0.fw, cpp_firmware_v1_3_1.fw, wlans088_pfp.fw, a530_gprss.fw2, a530v3_gprss.fw2, cpp_firmware_v1_1_1.fw, cpp_firmware_v1_3_2.fw, a300_pm4.fw, a530_pfp.fw, a530v3_seq.fw2, cpp_firmware_v1_1_6.fw, cpp_firmware_v1_4_0.fw, a530_pfp.fw, a530_pm4.fw2, a540_gprss.fw2, cpp_firmware_v1_2_0.fw, cpp_firmware_v1_8_0.fw

Fonctions radioélectriques / Radio functions:

	Frequency band(s)	Maximum Output Power / Magnetic Field	Spectrum access and mitigation	Modulation / Occupied bandwidth	Miscellaneous
Bluetooth (BR+EDR)	2402-2480 MHz 79 channels	7 dBm EIRP	Adaptivity	FHSS / 1 MHz	Integral antenna Rx category: 2
BLE	2402-2480 MHz 40 channels	-5.5 dBm EIRP	Adaptivity	GFSK / 1 MHz	Integral antenna Rx category: 3
WiFi 2.4 GHz	2412-2472 MHz 13 channels	14.2 dBm EIRP	Adaptivity	802.11 b/g/n(HT20/40)	Integral antenna Rx category: 1
WLAN 5 GHz	5180-5240 MHz Limited outdoor use	8.9 dBm EIRP	DFS (no radar detection)	802.11 a/n(HT20/40/80) /ac(VHT20/40)	Integral antenna
	5260-5320 MHz Indoor use only	8.4 dBm EIRP			
	5500-5700 MHz	9.9 dBm EIRP			
SRD 5.8 GHz	5745-5825 MHz	8.5 dBm EIRP	/		
GSM	E-GSM900	28.2 dBm radiated	/	GMSK / 8PSK	Integral antenna
	DCS1800	27.8 dBm radiated			
WCDMA	UTRA Band I/VIII	24.3 dBm radiated	/	QPSK / 16QAM	
LTE	E-UTRA Band 1/3/7/20/28/40	23.8 dBm	/	QPSK / 16QAM	
NFC	13.56 MHz	-53.1 dBμA/m @10m	/	ASK	Integral antenna
GNSS	1575.42 MHz	N/A	/	GPS	Integral antenna

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CAUTION

Only use accessories tested and approved by COPPERNIC to ensure compliance with European standards.
Operation of the device without regulatory approval is illegal.

Wireless Device Country Approval

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) are approved for use in the European countries under CE coverage.

For 2.4GHz or 5GHz products : Europe includes Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherland, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Country Roaming

This device incorporates the international roaming feature which will ensure the product operates on the correct channels for the particular country of use.

Warnings of Use Wireless Devices

Please observe warning notices with regard to the usage of wireless devices.

Potentially Hazardous Atmospheres – Vehicles Use

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to turn off your vehicle engine.

Safety in Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff.

Safety in Hospitals

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. Wireless devices should be switched off whenever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Safety Information – Europe

This device was tested for typical body-worn operation. Use only COPPERNIC tested and approved accessories to ensure EU compliance.

Battery Information

Use only COPPERNIC approved batteries.

When devices are stored over six (6) months without use, some irreversible deterioration in overall battery quality may occur. Store devices at half of full charge in a dry, cool place. When storing devices for one year or longer, the charge level of battery should be verified at least once a year and charged to half of full charge.

Battery Safety

1. The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.
2. Follow battery usage, storage, and charging guidelines found in the user guide.
3. Improper battery use may result in a fire, explosion, or other hazard.
4. To charge the device battery, the battery and charger temperature must be between 0°C~+45°C.
5. Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or the hazard.
6. Do not disassemble or open, crush, bend or deform, puncture, or shred the device.
7. Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
8. Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
9. Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
10. Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
11. Battery usage by children should be supervised.
12. Please follow local regulations to promptly dispose of used re-chargeable batteries.
13. Do not dispose of batteries in fire.
14. Seek medical advice immediately if a battery has been swallowed. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.

ID Platform FAP50 MRZ SC
Quick Start and Regulatory Guide

Operating frequency

The use of 2.4 GHz RLAN's, for use through the EEA, have the following restrictions:

1. Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 - 2.4835 GHz
2. France, outside usage is restricted to 2.4 - 2.454 GHz.
3. Italy requires a user license for outside usage. Bluetooth® Wireless Technology for use through the EEA has the following restrictions:
4. Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
5. France, outside usage is restricted to 10mW EIRP
6. Italy requires a user license for outside usage.
7. Ad-Hoc Operation (5GHz Band)

This device complies with **Directive 2014/53/EU** issued by the Commission of the European Community.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK