

EU Type Examination Certificate

Certificate No: TPS-RED501197 i01

Certificate Holder: Ginlong Technologies Co., Ltd.
No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product Type: GSM/WCDMA/LTE Device
Monitoring Box

Model(s): MB-S4-W4

We, as Notified Body number 0123, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements: Article 3.3 (d) in respect to network protection

The certificate has been issued in accordance with the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Product Service GmbH (Notified Body Number 0123).

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the following pages.
For further details related to this certification please contact ps.zert@tuvsud.com

This is based upon examination of the following Technical Data file.

Technical Documentation: Ginlong MB-S4-W4 RED TCF

Valid from: 2026-01-23

The RED state of the art for this certificate will be monitored for 5 years after the issue date until 2030-12-10. During this time, the certificate might be re-evaluated if underlying standards change. In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.



(Peter Jia)

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1 Equipment Description

The device is a Monitoring Box with 2.4G WiFi, 5G WiFi, 5.8G WiFi, GSM, WCDMA and LTE.

1.1 Models

Model	HW Version	SW Version	OS Version
Original MB-S4-W4	DAXEX2330-V1.5	B0010020	Linux 4.1.15

1.2 Supported Functions and Features

1.2.1 Non-radio features

DC 12V/24V for Monitoring Box, AC 230V 50Hz for adapter

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
IEEE 802.11 – 2.4 GHz	b/g/n Adaptive	2400MHz~2483.5MHz	14.64dBm
IEEE 802.11 – 5 GHz	a/n Adaptive	5150-5250MHz	14.06dBm
		5250-5350MHz	14.60dBm
		5470-5725MHz	15.75dBm
IEEE 802.11 – 5.8 GHz	a/n	5725-5850MHz	9.33dBm
GSM	GMSK	GSM 900	≤35dBm
		GSM 1800	≤32dBm
WCDMA	QPSK	Band 1,8	≤25dBm
LTE	QPSK / 16QAM	Band 1,3,7,8,20,28,38,40	≤25dBm

1.3 Accessories

Model/Part Number	Description
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2 Assessed Standards

Essential Requirement	Assessed Standard
Article 3.3(d) [Network protection]	EN 18031-1:2024

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity MB-S4-W4

Dated

2025-11-11

3.3 Strategic Documentation

Threat Modeling STRIDE

Justification of Conformity of Ginlong MB-S4-W4

Issued

2025-09-24

Modified

2025-11-10

3.4 Technical Compliance Documentation

3.4.1 Article 3.3(d)

874902505117

Issued

2025-09-19

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4 Additional Information

None.

5 Conditions of Validity

For complete conformity to the Radio Equipment Directive requirements as applicable inside the European Union, this product requires the essential requirements of RED Article 3.1(a), 3.1(b), 3.2 and 3.4 that are not covered on this type examination certificate.