



CERTIFICATE *of* EXAMINATION



Certificate Validation

NOTIFIED BODY EU-TYPE EXAMINATION CERTIFICATE

SGSA95-EU / 11 Nov 2022 / Rev B

Electromagnetic Compatibility Directive 2014/30/EU

MiCOM Labs Inc., Notified Body Number 2280 declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the essential requirements of the above noted Directive.

Product Name:

Radiant NEU -Network Extender Unit

Approval Holder Name:

PROSE Technologies (Suzhou) Co., Ltd




Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:

MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA

Notified Body Number: 2280



Notified Body EU-Type Examination Certificate

SGSA95-EU / 11 Nov 2022 / Rev B

for Electromagnetic Compatibility Directive 2014/30/EU

Product Name:

Radiant NEU -Network Extender Unit

Product Model Numbers: **NEU-XFXXF-XX**

Brand Name: **Prose**

Approval Holder: PROSE Technologies (Suzhou) Co., Ltd, No. 6, Shenan Road, Dianshanhu, Kunshan, Jiangsu, China

Product Manufacturer: PROSE Technologies (Suzhou) Co., Ltd, No. 6, Shenan Road, Dianshanhu, Kunshan, Jiangsu, China

Standards

Group	Name
EMC Directive: Disturbance(Annex 1.1.a)	EN 55032:2015+A11:2020+A1:2020
	EN IEC 61000-3-2: 2019+A1:2021
	EN 61000-3-3: 2013+ A1:2019+A2:2021
EMC Directive: Immunity(Annex 1.1.b)	EN 55035:2017+A11:2020



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Annex 1 to EU-Type Examination

EU-Type examination on the essential requirements Article 3

Annex 1.1.a - EMC Directive: Disturbance

Assessed

Annex 1.1.b - EMC Directive: Immunity

Assessed

Description of Apparatus

Company Name

PROSE Technologies (Suzhou) Co., Ltd

Certification No.

SGSA95-EU

Issue Date / Rev

11 Nov 2022 / Rev B

Equipment Description

Radiant NEU -Network Extender Unit

Hardware Version

V0.1

Firmware Version

M20NEU01632FH20V1001

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):

EMC Directive: Disturbance(Annex 1.1.a):

SHCR220800187501

EMC Directive: Immunity(Annex 1.1.b):

SHCR220800187501

Supporting Documentation:

Service Agreement

Agent Authorization

EU Application

EU Declaration of Conformity

Label and its Location

Risk Assessment Report and other supporting documents (EMC)

SGSA19_EU_Cert

Differennce List

Scope

This EU-Type Examination Certificate is given in with respect to the Electromagnetic Compatibility Directive 2014/30/EU. EU Type Examination was performed according to Module B: EUtype examination procedure per Annex III the Directive on the essential requirements in Annex I, for the specific product and Certificate Number referenced above.

This EU Type Examination Certificate is based upon the review of the Technical Documentation and supporting evidence for the adequacy of the technical design solution, it is only valid in conjunction with the attached Annexes. The scope of this statement relates to a single sample of the apparatus identified above and of the submitted documents only.



Annex 2 to EU-Type Examination Obligations of the Applicant

Ref EMCD 2014/30/EU Article 7 Obligations of manufacturers

1. When placing their apparatus on the market, manufacturers shall ensure that they have been designed and manufactured in accordance with the essential requirements set out in Annex I.
2. Manufacturers shall draw up the technical documentation referred to in Annex II or Annex III and carry out the relevant conformity assessment procedure referred to in Article 14 or have it carried out.

Where compliance of apparatus with the applicable requirements has been demonstrated by that procedure, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.

3. Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the apparatus has been placed on the market.
4. Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in apparatus design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which conformity of apparatus is declared shall be adequately taken into account.
5. Manufacturers shall ensure that apparatus which they have placed on the market bear a type, batch or serial number or other element allowing their identification, or, where the size or nature of the apparatus does not allow it, that the required information is provided on the packaging or in a document accompanying the apparatus.
6. Manufacturers shall indicate, on the apparatus, their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where that is not possible, on its packaging or in a document accompanying the apparatus. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
7. Manufacturers shall ensure that the apparatus is accompanied by instructions and the information referred to in Article 18 in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Such instructions and information, as well as any labelling, shall be clear, understandable and intelligible.
8. Manufacturers who consider or have reason to believe that an apparatus which they have placed on the market is not in conformity with this Directive shall immediately take the corrective measures necessary to bring that apparatus into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the apparatus presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the apparatus available on the market to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.
9. Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation in paper or electronic form necessary to demonstrate the conformity of the apparatus with this Directive, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by apparatus which they have placed on the market.

**Ref EMCD 2014/30/EU Article 8****Authorised representatives**

1. A manufacturer may, by a written mandate, appoint an authorised representative.

The obligations laid down in Article 7(1) and the obligation to draw up technical documentation referred to in Article 7(2) shall not form part of the authorised representative's mandate.

2. An authorised representative shall perform the tasks specified in the mandate received from the manufacturer. The mandate shall allow the authorised representative to do at least the following:

(a) keep the EU declaration of conformity and the technical documentation at the disposal of national market surveillance authorities for 10 years after the apparatus has been placed on the market;

(b) further to a reasoned request from a competent national authority, provide that authority with all the information and documentation necessary to demonstrate the conformity of the apparatus;

(c) cooperate with the competent national authorities, at their request, on any action taken to eliminate the risks posed by the apparatus covered by the authorised representative's mandate.

Ref EMCD 2014/30/EU Article 16**General Principles of the CE Marking**

The CE marking shall be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008.

Ref EMCD 2014/30/EU Article 17**Rules and Conditions for affixing the CE Marking**

1. The CE marking shall be affixed visibly, legibly and indelibly to the apparatus or to its data plate. Where that is not possible or not warranted on account of the nature of the apparatus, it shall be affixed to the packaging and to the accompanying documents.

2. The CE marking shall be affixed before the apparatus is placed on the market.

3. Member States shall build upon existing mechanisms to ensure correct application of the regime governing the CE marking and shall take appropriate action in the event of improper use of that marking.