

1 UNITED KINGDOM CONFORMITY ASSESSMENT

**UK TYPE EXAMINATION CERTIFICATE**

2 **Product or Protective System Intended for use in Potentially Explosive Atmospheres**  
**SI 2016:1107 (as amended) – Schedule 3A, Part 1**

- 3 Type Examination Certificate No.: **EMA22UKEX0105X**
- 4 Product: **Multi-feature wearable audio-video device for remote assistance, Model Kiber 3 ATEX Kit**
- 5 Manufacturer: **VRMedia S.r.l.**
- 6 Address: **Via Umberto Forti, 9, I-56121, Montacchiello, Pisa, Italy**
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 Element Materials Technology, Approved Body number 0891, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, SI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.  
The examination and test results are recorded in the confidential report **AT21-0071819-01**.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- |                            |                         |                         |
|----------------------------|-------------------------|-------------------------|
| <b>EN IEC 60079-0:2018</b> | <b>EN 60079-11:2012</b> | <b>EN 60079-28:2015</b> |
|----------------------------|-------------------------|-------------------------|

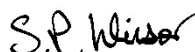
Except in respect of those requirements listed at section 18 of the schedule.

- 10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.
- 11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of this product shall include the following:

 **II 2 G Ex ib IIC T3 Gb** (head unit)

**II 2 G Ex ib op is IIC T3 Gb** (handcam) **Ta -20 °C to 40 °C**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the Element Materials Technology Ex Certification Scheme.



S P Winsor, Certification Manager

Issue date: 2023-03-28

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**13 SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**

**14 CERTIFICATE NUMBER EMA22UKEX0105X**

**15 Description of Product**

KIBER 3 ATEX KIT is an intrinsically safe multi-feature wearable audio-video device for remote assistance, which is a portable system based on augmented reality, intended for technical personnel needing remote audio/video support in hazardous areas.

**Models/Series Identification:**

**KIBER 3 ATEX KIT** system consists of the following components:

- K3 Core ATEX System **KH3.0-CoS-A** made of binocular visor and HD camera, and headset **KH3.0-HS-A**.

These products are included in head unit **KH3.0-HE-A**

- **KH3.0-BHe-A** battery pack, for use with KH3.0-HE-A head unit.

- **KH3.0-HC-A** handheld camera, with thermal imaging capacity.

- **KH3.0-BC** battery charger, for KH3.0-BHe-A battery pack and KH3.0-HC-A handheld camera.

Table of entity parameters	
Parameter	Channel 1
Um	5 VDC

**16 Test report No. (associated with this certificate issue):** N/A

**17 Specific Conditions of Use**

1. Mechanical integrity of all single units must be checked and assured before every use of the equipment in order to prevent ingress of dust and humidity according to the ambient conditions and to give sufficient protection against damage of the device .
2. The components of the device shall be securely fixed to each other and all additional securing means (e.g. clips) must be always checked to prevent the device from falling out.
3. Prior to use in hazardous areas, the device shall be checked for visible damages.
4. Only activities where no damage of the device can be expected are permitted in the hazardous area. If, however, the device gets damaged, the employee with the damaged device shall immediately leave the hazardous area or the damaged device shall be removed from the hazardous area.
5. Employee/Personnel shall be advised to leave the hazardous area and to let check the device in case of unusual heating.
6. Employee / Personnel using this equipment shall be competent (qualified) for the type of work to be undertaken .
7. Continuing education or training shall be undertaken by personnel on a regular basis working in explosive atmosphere.
8. The Employer of personnel using this equipment, shall prepare and implement a "safe work procedure" for the workplace, which include procedure and use of protective equipment to ensure the protection of workers.



Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.

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**Installation conditions:**

Above referred equipment is foreseen to be installed in locations where there are environmental conditions as clearly specified at clause 1, par. 2 of EN 60079-0.

Installation and use in atmospheric and environmental conditions that are out of above mentioned intervals requires special considerations and additional measures by the side of installer or user. These should be specified to the manufacturer by the user.

It is not required by applicable standard listed in [9] that the certification body confirm suitability for the adverse conditions. Installation of equipment has to proceed according to EN 60079-14.

**18 Essential Health and Safety Requirements (Regulations Schedule 1)**

The test reports were considered to satisfy the requirements of Schedule 1 with the exception of Essential Health and Safety Requirements 5 and 6, which were separately satisfied by the content of the label drawings and the instructions.

**19 Drawings and Documents**

The list of controlled technical documentation is given in Appendix A to this schedule.

**20 Routine Tests**

The manufacturer shall carry out the routine test prescribed at clause 27 of the EN 60079-0.

**21 Specific Conditions for Manufacture**

None.

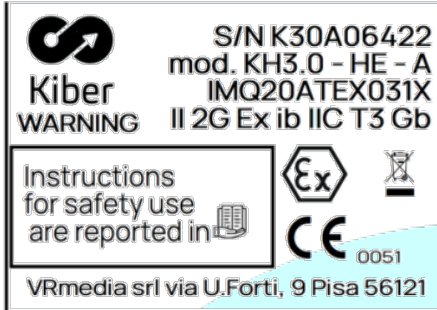
**22 Photographs**



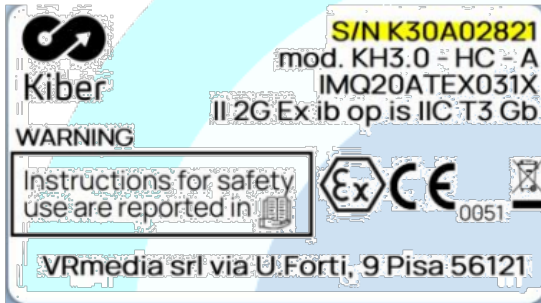
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23 Details of Markings

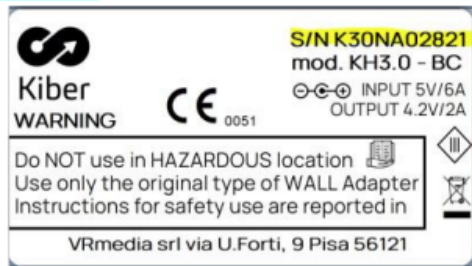
Head Unit



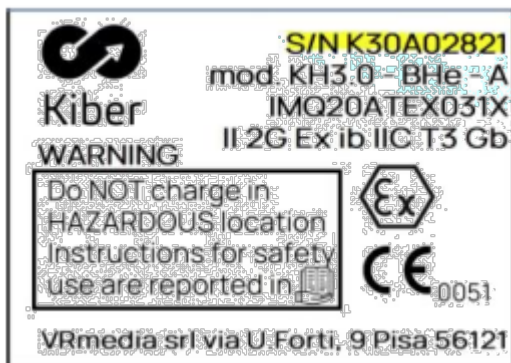
Handcam



Charger



Battery



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**24 Certificate History**

Original certificate      2023-03-28      First issue.

**25 Notes to UKCA marking**

In respect of UKCA Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Regulations in all applications.

**26 Notes to this certificate**

Element Materials Technology certification reference: TRA-059521-00 (GU-IMQQ-0040/VRMQ).

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Approved Body 0891 is the designation for Element Materials Technology Warwick Ltd.

**27 Conditions for the validity of this certificate**

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Schedule 1 of the Regulations SI 2016:1107 (as amended by SI 2019:696) and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).

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**APPENDIX A - TECHNICAL DOCUMENTS**

<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
Element list of scheduled drawings for this certificate	Scheduled drawings list for EMA22UKEX0105X	1	2023-03-28

