

1 UNITED KINGDOM CONFORMITY ASSESSMENT

## UK TYPE EXAMINATION CERTIFICATE

2 **Electromagnetic Compatibility Regulations**

SI 2016:1091 (as amended by SI 2019:696) – Schedule 3, Part 1, Module B

3 UK Type Examination Certificate No.: **EMA21UKEMC0002**

4 Equipment: **Camera, Principle Model: BY-02032  
Variants: BY-02063, BY-02035, BY-02068, BY-02040, BY-02038, BY-02030,  
BY-02031, BY-02033, BY-02001, BY-02072**

5 Manufacturer: **Guangzhou Besyo Auto Parts CO., LTD**

6 Address: **1208, The 12th Floor, Xiangyun Building, NO.1400 Baiyun Avenue, Baiyun District, Guangzhou, China 510440**

7 This equipment 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 43 of the Electromagnetic Compatibility Regulations 2016 (SI 2016 No. 1091, as amended by SI 2019 No. 696), certifies that this equipment has been found to comply with the Essential Requirements given in Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential report: **DL-20210118008E.**

9 Compliance with the Essential Requirements, with the exception of those listed in section 19 of the schedule to this certificate, has been assured by compliance with:

**EN 55032:2015/A11:2020**

**EN 55035:2017**

10 This TYPE EXAMINATION certificate relates only to the design and construction of the specified equipment in accordance with the Regulations. Further requirements of this Regulations apply to the manufacture and supply of this equipment. These are not covered by this certificate.

11 This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the rules of the Element Materials Technology EMC Certification Scheme and remains valid for only so long as the equipment conforms to the type described herein.

12 Any deviation to the design and construction of the specified equipment that is not certified by Element Materials Technology shall render this certificate invalid.



Josh Batty, Deputy Certification Manager

Issue date: 2021-02-02

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CSF322-UK 1.0

13 **SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**

14 **CERTIFICATE NUMBER EMA21UKEMC0002**

15 **General description of equipment included within the scope of this certificate**

The product is a camera and it has a CMOS image sensor which gives a high quality picture and its solid state circuitry provides extremely long life. Compact size and single connection make it easy to install. Automatic gain control (AGC) provides a clear image in both strong sunlight and low light conditions, if lighting conditions fall below a set level the Infra-red LEDs will illuminate. It is recommended that all camera lead connections are additionally sealed by either wrapping with a suitable tape or application of heat shrink sleeving. It is recommended to connect the system and test before fixing to ensure the correct field of view is displayed.

16 **Technical description**

Hardware version: HV01

Firmware version: FV01

Software version: SV01

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

17 **Technical Documents describing the certified equipment**

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

18 **Test report No. (associated with this certificate issue):** DL-20210118008E.

19 **Essential Requirements (Schedule 1)**

Covered by application of the standards listed in section 9 of this certificate and the assessment conducted in the test report/s listed in section 8 of this certificate.

20 **“Restrictions on Use”, if any:**

None.

21 **“Routine tests”, if any:**

None.

22 **Other information, if any:**

None.

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**23 Photographs**

Principle Model:



# SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE

## CERTIFICATE NUMBER EMA21UKEMC0002

### 24 Details of markings

Product Labels:



Product Label Location:



**SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**  
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**25 Certificate History**

None.

**26 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.

**27 Notes to this certificate**

Element Materials Technology certification reference: CN-DLTQ-0001.

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.

**28 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 technical documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Requirements relating to the design and construction of equipment given in Schedule 1, as listed in section 8 of this certificate, and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).

**SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**  
**CERTIFICATE NUMBER EMA21UKEMC0002**

**APPENDIX A - LIST OF TECHNICAL DOCUMENTS**

<b>Title:</b>	<b>Document/file name:</b>	<b>Rev. Level:</b>	<b>Issue date:</b>
Technical file	Camera(BY-02032) Technical documents	00	2021-01-18

