



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ ~~APPROVAL EXTENDED <sup>(1)</sup>/~~  
~~APPROVAL REFUSED <sup>(1)</sup>/ APPROVAL WITHDRAWN <sup>(1)</sup>/ PRODUCTION DEFINITELY~~  
~~DISCONTINUED <sup>(1)</sup>~~ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY <sup>(1)</sup> WITH  
REGARD TO REGULATION NO. 10.05



Approval No: E11\*10R05/01\*11023\*00

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): Backeye Camera
3. Means of identification of type, if marked on the ~~vehicle/component/separate technical unit~~: <sup>(1)</sup>  
Model number; see manufacturer's documentation for list
  - 3.1. Location of that marking: Adhesive label applied to the bottom face of the product housing
4. Category of vehicle: Not applicable.
5. Name and address of manufacturer:  
  
Brigade Electronics Group PLC  
Brigade House  
The Mills Trading Estate  
Station Road, South Darent  
Kent, DA4 9BD  
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the approval mark: On the same label as item 3.1

7. Address(es) of assembly plant(s):

Huangzhou Industrial Park  
Chebei Road  
Tianhe District  
Guangzhou  
Guangdong  
People's Republic of China

8. Additional information (where applicable): See appendix

9. Technical Service responsible for carrying out the tests: SGS United Kingdom Limited

10. Date of test report: 10 December 2019

11. No. of test report: AUT274766/R/19

12. Remarks (if any):

See appendix

13. Place: BRISTOL

14. Date: 18 DECEMBER 2019

15. Signature:



D LAWLOR  
Chief Technical and Statutory Operations Officer

16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.

17. Reasons for extension: Not applicable

(1) Strike out what does not apply.

## Appendix

to type-approval communication form No. E11\*10R05/01\*11023\*00

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
    - 1.1. Electrical system rated voltage: 12/24V DC ~~pøs~~/neg ground<sup>(1)</sup>
    - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12 / 24 Volt DC vehicles, product must always use a negative ground
      - 1.2.1. Installation conditions, if any: Refer to product documentation
    - 1.3. This ESA can be used only on the following vehicle types: Not applicable
      - 1.3.1. Installation conditions, if any: Not applicable
    - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): Not applicable
    - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS United Kingdom Limited (Durham, United Kingdom)
  2. Remarks: None
- (1) Strike out what does not apply.



Vehicle  
Certification  
Agency

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APPROVAL NUMBER: E11\*10R05/01\*11023\*00

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: Not applicable**

**Conformity of Production (COP) Declaration    COP Confirmed**

**Assessment Method    ISO/TS Cert and Control Plans**

**Date of Initial Clearance    April            2013**

**Date of Last Clearance    February       2019**

Total number of sheets: 06 (Six)

Reasons for Revision:    Not applicable

EAV474325

Revision Date  
&  
Office Stamp



ECE Reg 10.05 information regarding  
approval for E-marking of Component / STU.

General Details:

- Section 1                      Make. (trade name of manufacturer)  
Brigade Electronics Group PLC
- Section 2                      Type: General Commercial Description.  
Backeye Camera
- Section 3                      Means of identification of type, if marked on the Component / STU.  
VBV-7100C, VBV-7100C (XXX), VBV-7100C-C, VBV-7100C-C (XXX),  
VBV-7101C, VBV-7101C (XXX), VBV-7101C-C, VBV-7101C-C (XXX),  
VBV-7190C, VBV-7190C (XXX), VBV-7190C-C, VBV-7190C-C (XXX),  
VBV-7191C, VBV-7191C (XXX), VBV-7191C-C, VBV-7191C-C (XXX),  
VBV-71XXC, VBV-71XXC (XXX), VBV-71XXC-C, VBV-71XXC-C (XXX)
- (Where the "X" can represent any character for any associated variant. Bespoke models can have reduced electronic component population and cabling, software changes, customised settings or differing equipment connections).
- Section 3.1                      State where the identification / model number is situated on the product, and how it is marked.  
Adhesive Label applied to the bottom face of the product housing
- Section 4                      Name and address of Manufacturer  
Brigade Electronics Group PLC  
Brigade House  
The Mills Trading Estate  
Station Road  
South Darent  
Kent  
DA4 9BD  
United Kingdom
- Section 4.1                      Name and address of Manufacturer's representative inside the European Union.  
As stated in section 4
- Section 5                      State how and where the type approval E mark will be affixed  
On the adhesive label applied to the bottom face of the product as stated in section 3.1
- Section 6                      Address(es) of assembly plant(s)  
Huangzhou Industrial Park  
Chebei Road  
Tianhe District  
Guangzhou  
Guangdong  
China
- Section 7                      This product shall be approved as a component / STU (delete as applicable)  
Component



Section 8                      Restrictions of use and conditions for fitting.  
12 / 24 Volt DC Vehicles,

Section 9                      Electrical system rated voltage Positive / negative Ground.  
Product must always use a negative ground.

Only applicable for charging systems:                      (REESS)

Section 10                      Charger: on board / external<sup>2</sup>.  
N/A.

Section 11                      Charging current: direct current/alternating current (number of phases/frequency<sup>2</sup>).  
N/A.

Section 12                      Maximal nominal current (in each mode if necessary).  
N/A.

Section 13                      Nominal charging voltage.  
N/A.

Section 14                      Basic ESA interface functions: ex. L1/L2/L3/N/PE/control pilot.  
N/A.

Section 15                      Minimum  $R_{sce}$  value (see paragraph 7.11. of this Regulation.  
N/A.