



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/~~APPROVAL EXTENDED ⁽⁴⁾~~
~~APPROVAL REFUSED ⁽⁴⁾~~/~~APPROVAL WITHDRAWN ⁽⁴⁾~~/PRODUCTION DEFINITELY
DISCONTINUED ⁽¹⁾ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY ⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.04




Approval No: 10R-046088

Extension No: Not applicable

1. Make (trade name of manufacturer): Brigade Electronics Plc.
2. Type and general commercial description(s): Mini camera CCD colour camera.
3. Means of identification of type, if marked on the vehicle/component/ ~~separate technical unit~~: ⁽¹⁾
BE-820C (Mirror image) and BE-822C (Normal image)
- 3.1. Location of that marking: On the side of the product housing by an adhesive label
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:
Brigade Electronics Plc
Brigade House
The Mills
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 ECE approval mark: On the same label as in section 0.3.1.



7. Address(es) of assembly plant(s):
7, Keunnyeondang-gil
Jori-eup
Paju-si
Gyeonggi-do 413-821
Korea
8. Additional information (where applicable): See Appendix
9. Technical Service responsible for carrying out the tests: SGS UK Limited
10. Date of test report: Technical Letter dated 16 April 2014 (14 September 2011 Directive certificate)
11. No. of test report: Technical Letter AUT188534/2/1 (AUT151565/GH/11 Directive certificate)
12. Any remarks: See Appendix
13. Place: BRISTOL
14. Date: 07 MAY 2014
15. Signature:  A. W. STENNING
Head of Technical and Quality Support Group
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. 10R-046088

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.04

1. Additional information:
 - 1.1. Electrical system rated voltage: 12V. ~~pos~~/neg ground ⁽¹⁾
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12/24V Negative
 - 1.2.1. Installation conditions, if any: See instructions with product
 - 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 UK Ltd (Durham), United Kingdom
 2. Remarks: None.
- (1) Strike out what does not apply.