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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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COMMUNICATION CONCERNING THE TYPE-APPROVAL<sup>(1)</sup> OF A TYPE OF COMPONENT<sup>(1)</sup> WITH REGARD TO RADIO INTERFERENCE SUPPRESSION DIRECTIVE 72/245/EC AS LAST AMENDED BY DIRECTIVE 2009/19/EC.

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Type Approval No: e11\*72/245\*2009/19\*5249\*00

Reason for Extension: Not applicable

EC type-approval mark to be affixed on ESA: e11 03 5249


**SECTION I**

- 0.1 Make (trade name of manufacturer): BRIGADE ELECTRONICS PLC
- 0.2 Type and general commercial description(s): VBV-700C colour flush mount side-view camera and variants
- 0.3 Means of identification of type, if marked on the component: Self adhesive product label
- 0.3.1 Location of that marking: Label attached to outer surface of the product
- 0.5 Name and address of manufacturer:  
Brigade Electronics Plc  
Brigade House  
The Mills  
Station Road  
South Darenth  
Kent  
DA4 9BD  
United Kingdom
- Name and address of authorised representative, if any:  
Brigade Electronics Plc  
Brigade House  
The Mills  
Station Road  
South Darenth  
Kent  
DA4 9BD  
United Kingdom

0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: A self adhesive product label, see item 0.3.1.

0.8 Address(es) of assembly plant(s):  
5/F., No.3 Building  
Huangzhou Industrial District  
Chebei West Road  
Tianhe District  
Guangzhou  
Republic of China

## SECTION II

1. Additional information (where applicable): See Appendix
2. Technical service responsible for carrying out the tests: TÜV Product Service Limited
3. Date of test report: 19 April 2010
4. Number of test report: 75905099 Report 02 Issue 2
5. Remarks (if any): None
6. Place: BRISTOL
7. Date: 20 APRIL 2010
8. Signature:  A. W. STENNING  
Head of Technical and Quality Group
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

(<sup>1</sup>) Delete where not applicable.

(<sup>2</sup>) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this type-approval certificate such characters shall be represented in the documentation by the symbol '?'(e.g. ABC??123??).

(<sup>3</sup>) As defined in Annex IIA to Directive 70/156/EEC.

## APPENDIX

to EC Type Approval Certificate No: e11\*72/245\*2009/19\*5249\*00

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended by 2009/19/EC

1. Additional information: The VBV-700C and its variants are colour flush mount side-view camera
  - 1.1 Electrical system rated voltage: 12V DC Negative ground
  - 1.2 This ESA can be used on any vehicle type with the following restrictions: Not applicable
    - 1.2.1 Installation conditions, if any: See manufacturer's instructions
  - 1.3 This ESA can only be used 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 1X): 20 to 400 MHz BCI at 60mA, 400 to 2GHz free field at 30V/m
  - 1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: TÜV Product Service Limited, Stratford-upon-Avon, Warwickshire, United Kingdom.
5. Remarks: None