



RDW

Vehicle Technology Division

THE NETHERLANDS
(N E D E R L A N D)



EC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- type-approval ⁽¹⁾
- ~~extension of type approval~~ ⁽¹⁾
- ~~refusal of type approval~~ ⁽¹⁾
- ~~withdrawal of type approval~~ ⁽¹⁾

of a type of a component/~~separate technical unit~~ ⁽¹⁾ with regard to Directive 72/245/EEC, as last amended by Directive 2009/19/EC.

Type-approval number : e4*72/245*2009/19*2215*00

Reason for extension : n.a.

EC Type-approval mark to be affixed on ESA :

e4

03 2215

SECTION I

- 0.1. Make (trade name of manufacturer) : BRIGADE
- 0.2. Type : VBV-010C
Ultra-Low-Light 'Eyeball' Camera
Version(s) : Version1: VBV-010C,
Version2: VBV-020C,
Version3: VBV-030C,
Version4: VBV-040C,
Version5: VBV-060C
- 0.3. Means of identification of type, if marked on the component/
separate-technical-unit ⁽¹⁾⁽²⁾ : See 0.3.1
- 0.3.1. Location of that marking : Affixed to the housing
- 0.5. Name and address of manufacturer : Brigade Electronics Plc
Brigade House, The Mills Station Road, South
Darenth, DA4 9BD United Kingdom



P.O. Box 777
2700 AT Zoetermeer
The Netherlands

Tel. + 31 (0)79 345 81 43
Fax + 31 (0)79 345 80 43
www.rdw.nl

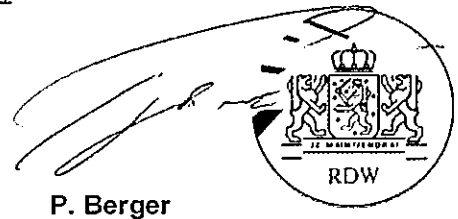
Vehicle Approval and Information

Type-approval number: e4*72/245*2009/19*2215*00

- Name and address of authorised representative, if any : not applicable
- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark : Affixed to the housing
- 0.8. Address(es) of assembly plant(s) : Brigade Electronics Plc
Brigade House, The Mills Station Road, South Darenth, DA4 9BD United Kingdom

SECTION II

1. Additional information (where applicable) : see Appendix
2. Technical service responsible for carrying out the tests : TÜV Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Am Grauen Stein
D-51105 Köln
3. Date of test report : July 13, 2011
4. Number of test report : 85-72/245-524/11
5. Remarks (if any) : see Appendix
6. Place : Zoetermeer
7. Date : 29-JUL-2011
8. Signature :
9. The type-approval file deposited at the Administrative Service having delivered the type-approval, may be obtained on request.


P. Berger

⁽¹⁾ Delete where not applicable.

⁽²⁾ 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??).

APPENDIX

to EC type-approval certificate number: e4*72/245*2009/19*2215*00

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

1. Additional information
- 1.1. Electrical system rated voltage : DC 12V (negative ground)
- 1.2. This ESA can be used on any vehicle type with the following restrictions : No restrictions
- 1.2.1. Installation conditions, if any : Connected to the car battery
- 1.3. This ESA can be only be used on the following vehicle types : Not applicable
- 1.3.1. Installation conditions, if any : ---
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Bulk current injection testing method (from 20 to 400MHz)
Free field testing method (from 400 to 2000MHz)
- 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 Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Am Grauen Stein
D-51105 Köln
5. Remarks : ---

