

NSAI
Certification

EC TYPE-APPROVAL CERTIFICATE

With regard to Radio Interference of Motor Vehicles

Communication concerning the type-approval of a type of ~~vehicle~~/component/~~separate technical unit~~
with regard to Directive 72/245/EEC as last amended by Directive 2009/19/EC.

EC Type Approval No: ***e24*72/245*2009/19*1884*00***

EC Type-approval mark to be affixed on ESA: ***e24031884 (See directive for size of font).***

Reason for extension: ***- N/A***

SECTION I

0.1 Make (trade name of manufacturer's): ***BRIGADE***

0.2 Type and general commercial description: ***VBV-700C***
CCD Colour Camera
Variant(s): ***A: VBV-700C***
B: VBV-701C
C: VBV-790C

0.3 Means of identification of type, if marked on the separate technical unit: ***See 0.2 above***

0.3.1 Location of that marking: ***On the housing of the unit.***


0.4 Category of vehicle: ***See Appendix.***

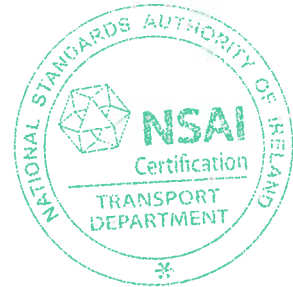
0.5 Name and address of manufacturer: ***Brigade Electronics PLC***
Brigade House, The Mills, Station Road
South Darenth, DA4 9BD UK

0.6 In the case of components and separate technical units, location and method of affixing of the EEC approval mark: ***On the housing of the unit.***
Incorporated into a label.

0.8 Address(es) of assembly plant(s): ***Brigade Electronics PLC***
Brigade House, The Mills, Station Road
South Darenth, DA4 9BD UK

SECTION II

1. Additional information (where applicable): *See Appendix.*
2. Technical service responsible for carrying out the tests: *TÜV SÜD AUTOMOTIVE GMBH.*
3. Date of test report: *08.06.2010*
4. Number of test report: *10-00104-ES-GBM-00*
5. Remarks (if any): *See Appendix.*
6. Place: *Dublin.*
7. Date: *14th June 2010*
8. Signature: 
9. The type approval file deposited at the Administrative Service having delivered the type-approval may be obtained on request.
10. Documentation: *29 pages.*



Appendix

to EC Type Approval Certificate No.: *e24*72/245*2009/19*1884*00*

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

- | | | |
|-------|---|---|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>12 volts nominal.</i> |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | <i>12V, battery negative on the body.</i> |
| 1.2.1 | Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 1.3. | This ESA can only be used on the following vehicle types: | <i>N/A.</i> |
| 1.3.1 | Installation conditions, if any: | <i>N/A.</i> |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | <i>Free field method (400 - 2000MHz)
Bulk current injection (20 - 400MHz)</i> |
| 1.5 | Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the tests: | <i>TÜV SÜD AUTOMOTIVE GMBH.</i> |
| 5. | Remarks: | <i>N/A.</i> |

Concerning the type approval of a vehicle with regard to Directive 72/245/EEC, as last amended
by Directive 2009/19/EC.

- | | | |
|--------|---|-------------|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>N/A.</i> |
| 1.2. | Type of bodywork: | <i>N/A.</i> |
| 1.3. | List of all electronic functions (concerned by that directive) installed in the vehicle: | <i>N/A.</i> |
| 1.3.1. | Vehicle equipped with 24GHz short-range radar equipment (yes/No): | <i>N/A.</i> |
| 1.4. | Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the tests: | <i>N/A.</i> |
| 5. | Remarks: | <i>N/A.</i> |

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