




THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED <sup>(1)</sup> / ~~APPROVAL EXTENDED <sup>(4)</sup> /~~  
~~APPROVAL REFUSED <sup>(4)</sup> / APPROVAL WITHDRAWN <sup>(4)</sup> / PRODUCTION DEFINITELY~~  
~~DISCONTINUED <sup>(1)</sup>~~ OF A TYPE OF ELECTRICAL / ELECTRONIC SUB-ASSEMBLY <sup>(1)</sup> WITH  
REGARD TO REGULATION NO. 10.06



Approval No: E11\*10R06/02\*13109\*00

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): AHD Backsense® Radar OSD
3. Means of identification of type, if marked on the ~~vehicle~~ / component / ~~separate technical unit~~ <sup>(1)</sup>:  
BS-OSD-H43, BS-ECU-H43, BS-OSD-HXXXXXXXX, BS-ECU-HXXXXXXXX (Where "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. Brigade confirms that the sample submitted for test is the worst-case. The EMC performance off any associated variant will be equivalent or superior to this worst-case sample)
- 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  
Station Road  
South Darenth  
Kent  
DA4 9BD  
United Kingdom

6. In the case of components and separate technical units, location and method of affixing of the approval mark: Adhesive label applied to the bottom face of the product housing
7. Address(es) of assembly plant(s):  
7, Keunyeonang-Gil  
Jori-Eup  
Paju-Si  
Gyeonggi-do  
10949  
Republic of Korea
8. Additional information (where applicable): See Appendix below
9. Technical Service responsible for carrying out the tests: TÜV SÜD Ltd.
10. Date of test report: 17 February 2025
11. No. of test report: Document 75962711-01 Issue 01
12. Remarks (if any): See Appendix below
13. Place: BRISTOL
14. Date: 05 MARCH 2025
15. Signature:  C McCABE  
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

**Appendix**

to type approval communication form No. ...  
concerning the type approval of an electrical / electronic sub-assembly under Regulation No. 10.06

1. Additional information:
    - 1.1. Electrical system rated voltage: 12-24V. pos / neg ground <sup>(1)</sup>
    - 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
      - 1.2.1. Installation conditions, if any: Please use Manufacturer's Installation Instructions
    - 1.3. This ESA can be used only on the following vehicle types: Not applicable
      - 1.3.1. Installation conditions, if any: Please use Manufacturer's Installation Instructions
    - 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):  
  
Electromagnetic Radiation, Bulk Current Injection (BCI) – 20 to 2000 MHz.  
Electromagnetic Radiation, Absorber Lined Chamber Test – 200 to 2000 MHz.  
(Please also see test report)
    - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: TÜV SÜD Ltd, Snitterfield Road, Bearley, Warwickshire, CV37 0EX, United Kingdom
  2. Remarks: None
- (1) Delete what does not apply.