



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF ELECTRONIC SUB-  
ASSEMBLY WITH REGARD TO REGULATION NO. 10.05



Approval No: E11\*10R05/01\*10927\*01

1. Make (trade name of manufacturer): Brigade Electronics Group Plc.
2. Type and general commercial description(s): Backsense® OSD
3. Means of identification of type, if marked on the separate technical unit:  
BS-OSD-042, BS-OSD-022, BS-OSD-0XX, BS-OSD-0XX (XXX)

(Where the "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).

- 3.1. Location of that marking: Adhesive label applied to the bottom of product.
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Brigade Electronics Group PLC  
Brigade House  
The Mills Trading Estate  
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: On the adhesive label applied to the bottom of the product as stated in section 3.1
  
7. Address(es) of assembly plant(s):  
  
No 7. Keunyeondang-gil,  
Jori-Eup  
Paju-Si  
Gyeonggi-do  
413-821  
South Korea
  
8. Additional information (where applicable): See Appendix below
  
9. Technical Service responsible for carrying out the tests: SGS UK Ltd
  
10. Date of test report: As of before and Technical Letter dated 30 January 2023
  
11. No. of test report: As of before and Technical Letter AUT312249/1
  
12. Remarks (if any): See Appendix below

13. Place: BRISTOL

14. Date: 03 FEBRUARY 2023

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:

Minor design improvement

**Appendix**

to type-approval communication form No. E11\*10R05/01\*10927\*01  
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
  - 1.1. Electrical system rated voltage: 12/24V DC neg ground
  - 1.2. This ESA can be used on any vehicle type with the following restrictions: : Product must always use a Negative ground
    - 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
2. Remarks: None