



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*10854*05

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): BackEye 360° Camera System
BN360-300 / BN360-300 (XXX) which consists of:
1x BN360-300-ECU / BN360-300-ECU (XXX)
1x BN360-CP-01 / BN360-CP-01 (XXX)
1x BN360-VBV-L4015 / BN360-VBV-L4015 (XXX)
1x BN360-VIN-01 / BN360-VIN-01 (XXX)
1x BN360-VO-01 / BN360-VO-01 (XXX)
1x BN360-INT-01 / BN360-INT-01 (XXX)
1x BN360-PWR-01 / BN360-PWR-01 (XXX)
4x BN360-1000C / BN360-1000C (XXX)
(Where the "X" can represent any character for associated variant, bespoke system which can have software changes or customised settings)
3. Means of identification of type, if marked on the component:
 - 3.1. Location of that marking: Adhesive Label applied to the ECU housing.
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 rear of the housing as stated in section 3.1
7. Address(es) of assembly plant(s):
Nhon Trach 2 Industrial Park
Loc Khang IZ
Hiep Phuoc Town
Nhon Trach District
Dong Nai Province
76000
Vietnam
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: Letter 21st August 2025
11. No. of test report: Letter AUT308635/1
12. Remarks (if any): See Appendix below
13. Place: BRISTOL
14. Date: 27 AUGUST 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:
1) The CVBS IC, CAN IC, and associated passive components removed from the related circuits. No new components added.
2) Added CVBS signal routing on the 7th layer of the PCB. No modifications were made to other layers.

Appendix

to type-approval communication form No. E11*10R05/01*10854*05
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
 - 1.1. Electrical system rated voltage: 12/24 Volts pos/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):
20 to 200MHz (BCI at 60 m-Amps), 200 to 2000MHz (Free field at 30 V/m).
 - 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