



Brigade

New Backsense OSD

On Screen Display System

Thierry Bourgeay

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Agenda

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- Customers' Challenges
- Brigade OSD
- Typical application
- What's in the kit
- Optional accessories
- What's next

Our Customers' Key Challenges

- **Cabin clutter from multiple displays**
Operators are overwhelmed with too many screens, reducing focus and increasing fatigue (and no space for these!).
- **Multiple blind spots around the vehicle**
Limited visibility creates serious safety risks for pedestrians, cyclists, and site workers.
- **Mixed camera technologies across fleets**
A combination of legacy CVBS and HD systems leads to inconsistent performance and complex maintenance.
- **Demand for adaptive detection in mining applications**
Markets such as India require intelligent, environment-specific detection solutions that adapt to harsh operating conditions.
- **Pressure to minimize vehicle downtime**
Every hour off the road impacts productivity and profitability.
- **Growing demand for AI-powered pedestrian detection**
Customers are looking for smarter, future-ready safety systems that proactively prevent collisions.

New Backsense OSD (On Screen Display)

Benefits

- Connect up to **4 radars** and 3 x CVBS or **AHD** cameras
- Radar detection zones can increase/decrease according to vehicle **speed**
- Accepts **AI HFR systems** to improve Pedestrian Detection performance
- Detection warning and camera view all in **one place**
- Detection and diagnostic can be **recorded** via any CAN data logger

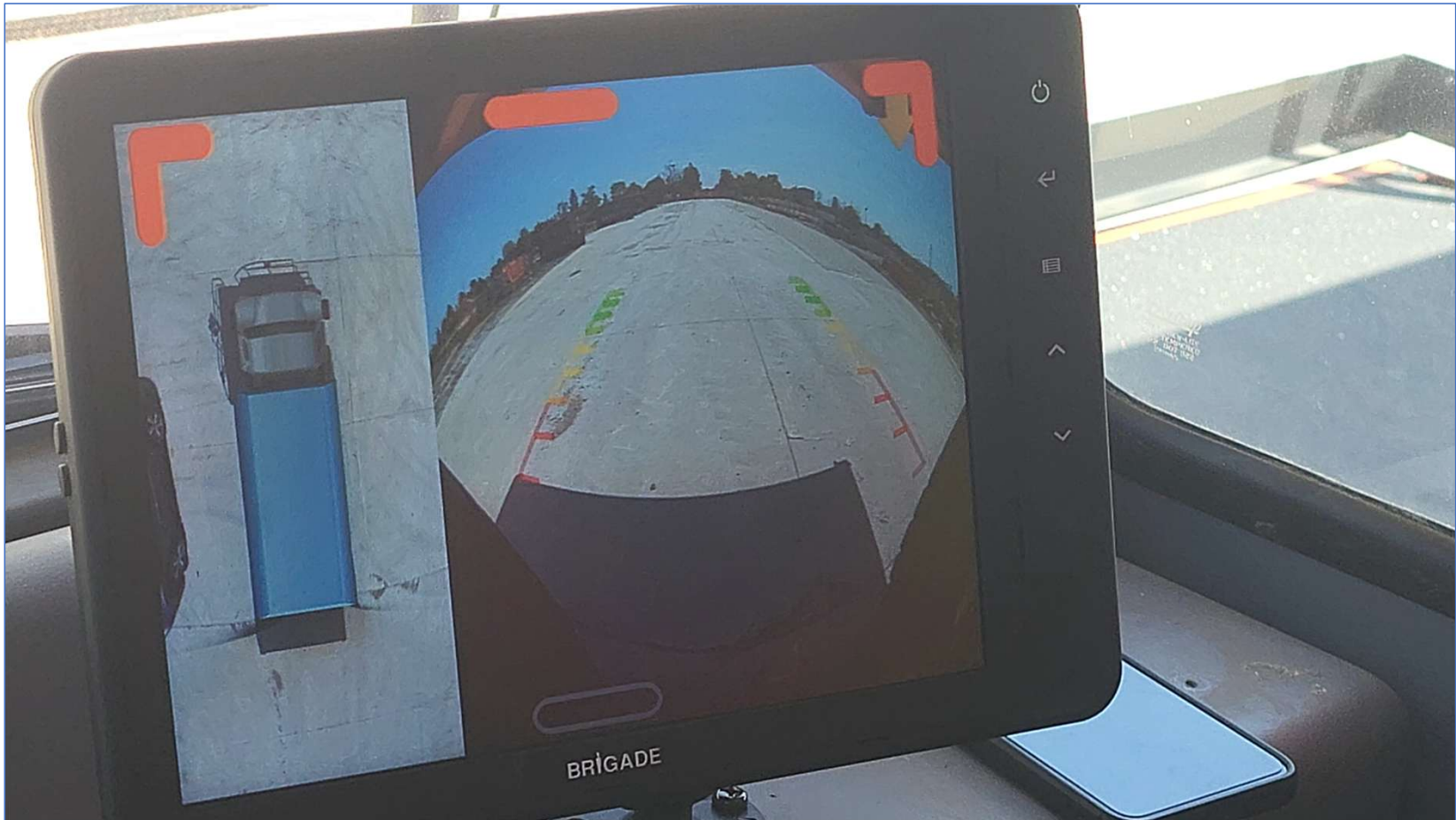
How we win

- Off-road applications
- Combine offer with other Brigade HFR systems
- Dynamic detection (especially for mining applications)
- Fully configurable to suit any vehicle type
- Take business from Preco
- All tests and certifications in place for OEMs



Typical application

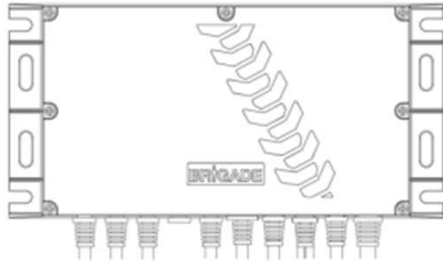




What's in the kit: BS-91001-OSD

Contents

- 1 x OSD Radar ECU (BS-OSD-H43)
- 1 x Radar Sensor (BS-9100)
- 1 x 9m extension cable (BS-09DCX)
- 2 x Network terminator (BS-00NT)
- 2 x Network Y cable (BS-00NYC)



ECU
BS-ECU-H43



Radar Sensor



2x 120Ω Network Terminator
BS-00NT



BS-09DCX



Network Y Cable
BS-00NYC



Warranty
3 Years



Operating Temperature
-40 to +85



Camera Inputs
3 x AHD or CVBS



Detection Length
Icon text TBD



Detection Length
Icon text TBD

Optional accessories

Adaptors

- AC-006 (1983) - Select Cameras to OSD ECU
- AC-014 (2094) - ECU to Select monitor

Bracket

- BKT-023 (7190)

Cables

- Standard Backsense cable extension range

GPS Module

- MDR-ANT-GPS-03 (6624) – GPS module for Dynamic detection

Configuration Software

- Downloadable from the Brigade Website (not included in the kit)

To add one additional sensor:

- 1 x BS-9100 (6351)
- 1x BS-00NYC (5270)
- Backsense extension cable

**You're
safer with
us!**

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If there are any questions

Agneta Ferdfelt

Agneta.ferdfelt@brigade-electronics.com

+46 733 00 85 60