

Brigade Backeye 360 AI Camera System



Description

Backeye®360 AI Intelligent detection is a 360-degree high-definition four-camera system enhanced by state-of-the-art AI technology to identify humans and effectively eliminate all blind spots. Providing a comprehensive view of the surrounding area in a single image, Backeye®360 AI audibly and visually alerts the driver when a person is detected using artificial intelligence.

360° Cameras with AI Technology

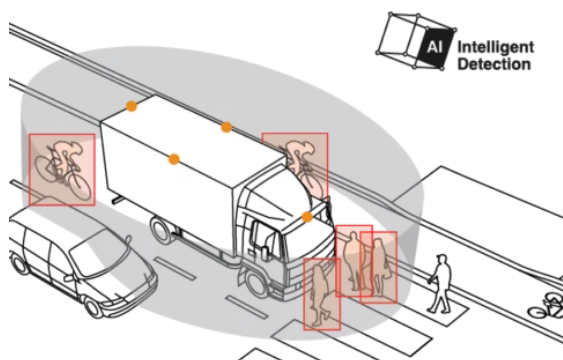
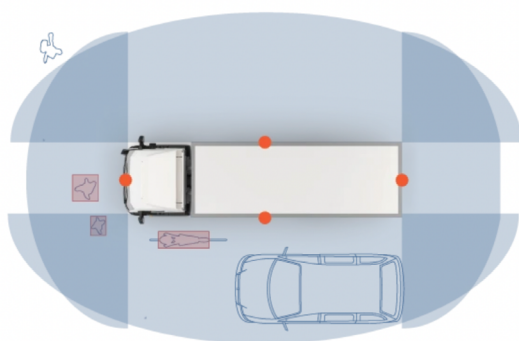
- **Artificial Intelligence:** Used to identify and detect vulnerable road users
- **Automatic Calibration:** Saves time on set-up and installation
- **High Definition:** Delivers a clear and sharp image displayed on the monitor
- **Triggered Alerts:** Left, right, reverse & speed signal triggers

Features and Benefits

- 1080p HD 360° image
- 15 different view modes (10 x landscape & 5 x portrait configurations). Front & rear crossing-traffic. Customisable vehicle position
- 2 pre-defined configuration groups
- Configure & customise set up via PC calibration software
- Left, right, reverse & speed signal triggers
- Configurable on-screen parking markers
- Customisable overlay guidelines per camera view
- 2 x video outputs
- Ultra-wide viewing angle cameras: (HxV) 190° x 130°
- 1/4" CMOS sensor
- Video output: AHD 1.0 and NTSC



How does Brigade's Backeye®360 AI Vehicle Camera System Work?



Applications

On and off-road applications

Tech Specs

Power Consumption	15 W / ≤ 26W @12V
Current Consumption	1.22A / ≤ 2.2A @12V
Vibration Rating	2.8G (Vertical Ax-is - 32hrs)
Camera + Connector IP Rating	IP69K + Connector IP66
Mechanical Shock	TBC
Operating Temperature	-20 to +75°C / -30° to +70°C
Storage Temperature	-40° to +85°C
Operating Humidity	65% @ 25°C
Operating Voltage	+10/32V DC
Output Resolution	AHD - 1920 x 1080 ; CVBS - 720 x 480
Camera Resolution	1920 x 1080
Number of Trigger Inputs	0.1 Lux
Required Illumination	1.0 Vp-p / 75Ω
Approved Standards	E-Mark - (UNECE Reg. 10 Rev. 06) CE - (EN 50498:2010) FCC - (47 CFR Part 15 Subpart B, Class A) ICES - Industry Canada (003:2016, Issue 6, Class A) Ingress Protection - (ISO 20653:2013) RoHS
Warranty	3 years

Part No. Description

7524	Model VBV-360-1000-AI: High Definition Backeye®360 system with Artificial Intelligence
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