

# CCTV Systems - AHD

- AI-equipped CCTV cameras accurately recognise and track multiple human subjects in real-time.
- Analogue High Definition.
- Comprehensive view of the surrounding areas in a single image to remove blind spots.
- 15 viewing modes including portrait, front/rear focus, triggered focus and lane changing.
- On-screen distance markers on rear view.
- Configurable viewing distance to suit different applications.
- On-board auto calibration, no technician or additional software required.
- Cameras environmentally sealed - IP69K.
- Multi-voltage.
- 5-year warranty.



Backeye 360 AI

Voltage :	10-32V
Current Draw :	2.2A
Video System :	AHD 1.0 & CVBS
Max. Camera Inputs :	4
Camera Field of View :	190° Hor. 130° Vert.
Frame Per Second :	30 Max
Max. Combined Resolution :	1920 x 1080
Video Outputs :	4
Trigger Inputs :	4
Housing :	Cast Aluminium Alloy
Vibration :	2.8G
Approvals :	CE , ECE R10, RoHS
Ingress Protection :	Camera IP69K Connector IP66
Operating Temperature :	-30°C to 70°C



## AI-Equipped 360° CCTV

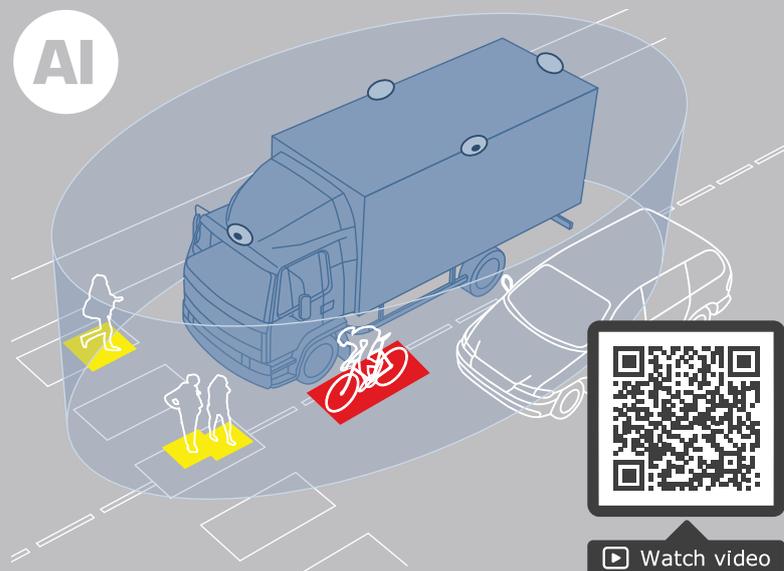


The Backeye 360 AI is the latest innovation in intelligent detection from Brigade Electronics. Equipped with four high-definition cameras and advanced AI algorithms, the Backeye 360 AI provides a seamless 360-degree view of the vehicle's surroundings, displayed as a single image. This image is continuously analysed by state-of-the-art AI technology to identify, track, and alert operators to any potential dangers posed by pedestrians and cyclists.

Customisable alerts for left, right, reverse, and speed signals allow users to adapt the system to their specific environment and safety needs. The AI-based active detection in the Backeye 360 AI reduces the risk of collisions, enhancing safety for both operators and those around them.

The system also includes on-board automatic calibration. After camera installation, it can be easily programmed directly on the device within seconds, without additional software.

(BN360-CAL-MAT is required for calibration)



## CCTV Systems - AHD



A range of compatible AHD monitors is available. For further information ask your local reseller or enquire online at [ionnic.com](http://ionnic.com)



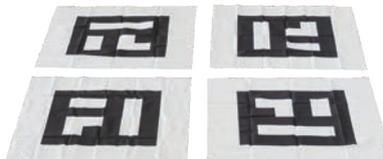
### Backeye 360 AI

Part No.	Description
<b>VBV-360-1000-AI</b>	4 camera kit (monitor sold separately)

Kit Contents:
1 x ECU Unit
4 x AHD Wide Angle Camera
1 x ECU Power Harness
1 x Video Output Cable
1 x Video Output Harness
1 x Video Input Harness
1 x Cable - 5m ECU to Camera
2 x Cable - 10m ECU to Camera
1 x Cable - 20m ECU to Camera
1 x IR Receiver
1 x Remote Control



VBV-2240C-AI-D04



VBV-360-CALMAT



VBV-AI305

### Backeye 360 AI - Accessories

Part No.	Description
<b>VBV-2240C-AI-D04</b>	Backeye 360 AI Camera
<b>VBV-360-CALMAT</b>	Calibration Mats - Set of 4. Required for system calibration
<b>VBV-AI305</b>	Adaptor - Backeye 360 AI to MDR