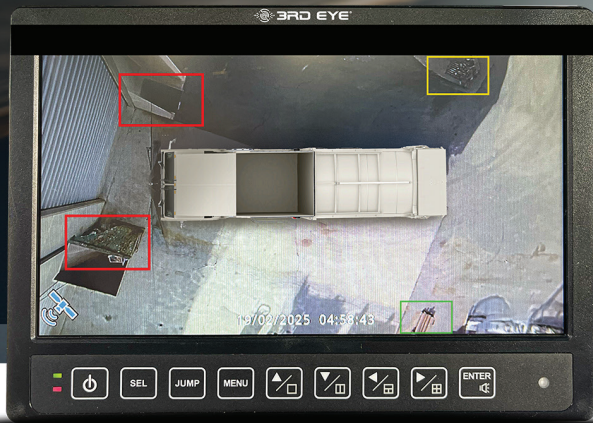# Maximize Visibility and Minimize Blind Spots With 3rd Eye 360 Cameras.

## 3RD EYE®

### 360 CAMERAS
### WITH AI OBJECT DETECTION

**BLIND SPOT AWARENESS**

**ENHANCED VISIBILITY**

**ACCIDENT AVOIDANCE**

**PROACTIVE RISK MANAGEMENT**

**DRIVER TRAINING AND EDUCATION**

**LITIGATION SUPPORT**

## Help drivers identify what's around their vehicle with 360° visibility.

360° cameras with advanced AI object detection technology maximize driver visibility, minimizing blind spots and helping to detect potential hazards in real time. AI image recognition technology displays detection zones directly on the monitor. From reckless drivers to unexpected obstacles, advanced imaging allow operators to react quicker and make better decisions, aiding in accident avoidance, improving safety, and protecting lives on the road.

**Learn more or request a free, no-obligation demo today.**
www.**3rdEyeCam**.com

**3RD EYE®**

## System Components:

Electronic Control Unit (ECU)
Front Cover Opened

Electronic Control Unit (ECU)
with Front Cover Closed

Ultra-wide Camera with
Housing (x6)

Passive CVBS Splitter

External Wi-Fi Antenna

External IR Sensor

External GPS Receiver

Push Button
(x3, Red, Green, Black)

| System | |
|---|---|
| Operating Voltage | 8 VDC to 32 VDC. Reverse polarity protection on power |
| Operating Temperature | -20ºC to 70ºC |
| Storage Temperature | -40ºC to 85ºC |
| Self-Diagnostics | On boot. LED indicators, on-screen indicators |
| Views: | Top View, 2D stitched around vehicle view / Front / Reverse / Left / Right |
| | Top view combined with one of the following views Front / Reverse / Left / Right |
| | Auto-switched based on external signal triggers or internal AI alert triggers: Left / Right / Reverse Signals |
| | Manual-switched with an external push button |
| | Instantaneous reverse view after engine ignition and reverse gear engaged |
| | Top View, combined with any side view or driver/cargo view |
| Bulk Calibration | Supported |
| Trigger Signal Input Voltage | 6 to 32 VDC |
| Trigger Signal Output Voltage | Matches system input voltage, 0.5W max power consumption per channel. |
| Video Download[1] | Via Wi-Fi |
| Configuration | Via IR, via Wi-Fi, via monitor (touch screen or mouse driven) |
| Video Recording | Supported; continuous |
| Frame Rate | 1080p @30fps NTSC, @25fps PAL; all channels |
| Compression/Encoding | H.264 |
| Storage[2] | 2.5" Hard Drive slot; max capacity 2TB |
| Monitor | Supports 720p (CVBS) and /or 1080p (HD); touch screen capable |
| Video Streaming | RTSP support via ethernet |
| Vehicle Image Library | Editable. Preloaded with 8 vehicle types |

| ECU | |
|---|---|
| Enclosure | Enclosure: die-cast aluminum ADC12; lockable / removable front cover (metal). |
| Video Outputs | 1080p / CBVS, 2 ports |
| Video Inputs | Up to 6 camera inputs |
| Trigger Signal Inputs | Left / Right / Reverse / Panic (event marking), 6-32VDC @ 0.12 to 0.63 mA. |
| Camera Port Impedance | 75 Ω |
| Video Output Port Impedance | 75 Ω |
| GPS | <28mA @ 3.3V |
| Dimension | 135 x 120 x 40 mm; 5.8 x 6.8 x1.5 in |
| IR Sensor | 3m extension |
| CAN Communication | 250Kbps / 500Kbps |

| Camera | |
|---|---|
| Enclosure | Die-cast aluminum ADC12 with a 304 stainless steel bracket; IP69K-rated |
| Dimensions | 52 x 42 x 40 mm; 2.0 x 1.7 x 1.6 in (approximate) |
| Sensor | 2.9 mega-pixel CMOS |
| Power | ECU-supplied |
| Voltage | 12VDC @65 mA |
| Focal Length | 2.8mm |
| Field of View (FOV) | 130º (V) x 190º (H) |
| SNR | >80dB |

| Other | |
|---|---|
| G-Sensor | Equipped; Built-In |
| GPS | External Receiver |
| Wi-Fi | External antenna; 802.11 b/g/n/ac |
| Language | English / French / German / Dutch |
| Units of Measure | Metric / Imperial |
| Ports | USB / RS232C / RS485 / Can Bus |
| Certifications | FCC / EMark / CE |
| Video Player | HD Player (native) - with routing information H.264 compliant - without routing information Recorded video selectable/filterable by event types |

# Let drivers drive. We'll handle the rest.

## Learn more or request a free, no-obligation demo today.

### www.3rdEyeCam.com

3RD EYE®