

# Camera System BirdView

## **MOTOMETER**

### **Our MOTOMETER Camera System BirdView**

The 360° camera system uses four 1080P fisheye cameras to create a seamless 3D view of the surroundings. Distortion correction and image merging create a realistic representation on the 7-inch display, providing the driver with an optimal view. An AI algorithm analyzes the surroundings in real time and warns of lane deviations, collisions or vehicles in the blind spot. The system also enables individual vehicle customization by integrating CAD data or digital models for a tailored display - ideal for fleets and special vehicles.

The system supports two 512 GB SD cards, ideal for fleet management and accident reconstruction. Thanks to the wake-up mode, recording starts automatically in the event of vibration. It can also be combined with radar and parking sensors and supports ADAS systems such as lane departure warning (LDW) and collision warning (FCW). Automatic calibration takes just one minute and the system is compatible with 12 & 24 V.



### **Suitable vehicle types:**

- **Trucks and transport vehicles:** Increases safety when maneuvering and parking large vehicles.
- **Construction & agricultural machinery:** Ideal for tractors, combine harvesters or excavators, as it improves all-round visibility and avoids collisions with obstacles.
- **Buses & coaches:** Supports the driver in monitoring blind spots and maneuvering safely in narrow areas.
- **Emergency vehicles (fire, rescue, police):** Enables better visibility during emergency operations and helps to avoid accidents avoid accidents in stressful situations.
- **Forklift trucks & warehouse vehicles:** Supports precise maneuvering and prevents collisions in tight warehouse areas

### **You have different requirements?**

Then contact us now using the button opposite to discuss individual inquiries and special product customizations.

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### Technical Details: **Monitor**

<b>Video input</b>	Max.4CH×1080P@25fps/1080P@30fps
<b>Display mode</b>	2D/3D
<b>Resolution</b>	1080P
<b>Frame Rate</b>	25/30
<b>Compressed encoding</b>	Max. 4CH×1080P H.264 encoding
<b>Code stream</b>	4MB/2MB
<b>Power supply</b>	10-32V
<b>Operating voltage range of external trigger signal</b>	10-32V
<b>Operating current</b>	<2A/12V
<b>Operating temperature</b>	-20 ~ 70
<b>Storage temperature</b>	-40 ~85
<b>Operating humidity</b>	10%-90%

### Technical Details: **BirdView**

<b>Resolution</b>	1280 x 720
<b>Channels</b>	4
<b>Storage</b>	2 x 512 GB
<b>Transmission rate</b>	2Mbps
<b>Recording time</b>	266Hrs

### Technical Details: **Camera**

<b>Image Device</b>	1/2.9" CMOS
<b>Effective Pixels</b>	1920 (H) x 1080 (V)
<b>Pixel Size</b>	2.8µm x 2.8µm
<b>Scanning System</b>	Progressive Scanning
<b>Sync. System</b>	Internal
<b>AGC</b>	Auto
<b>White Balance</b>	Auto
<b>BLC</b>	Auto
<b>Electronic Shutter</b>	1/30 (1/25) ~ 1/50,000
<b>Operating temperature &amp; Humidity</b>	-20 ~ 70 RH95%MAX.
<b>Storage temperature &amp; Humidity</b>	-30 ~ 80 RH95%MAX.
<b>Night Vision Distance</b>	3-5m
<b>Viewing Angle</b>	150°