

RVS PARKING SENSOR

The RVS Parking Sensor is a compact wide-angle imaging sensor designed for rear-view and parking assistance applications. It delivers clear, high-quality visuals with HDR support and integrated image processing for distortion correction and noise reduction. Built for automotive environments, it operates reliably across a wide temperature range. Its small form factor and flexible mounting make it ideal for OEM integration in smart mobility and ADAS solutions.



FEATURES



360-Degree
Bird's-Eye View



Real-Time
Image Stitching



Multiple
Viewing Modes



Low-Light &
Night Vision



Integration
with ADAS



DVR &
Recording

Technical Specification

| | | | |
|------------------------|---------------------------|----------------------|------------------------------|
| Operating Temperature | 0°C to +85°C | Optical Format | 1/3.55" |
| Lens Model | Arducam M32076M20 (LN010) | Effective Resolution | 1340 × 1020 (1.3 MP) |
| Mount Type | M12 × P0.5 Threaded | Pixel Size | 3 μm × 3 μm |
| Optical Format | 1/3.2" Sensor Compatible | High Dynamic Range | Multi-Exposure HDR Supported |
| Focal Length | 0.76 mm | ISP Features | Lens Shading Correction |
| | | | Auto White Balance |
| 35 mm Equivalent | ~8.2 mm | | Defect Pixel Correction |
| Aperture (F/No) | F2.1 | | HDR Combination |
| Field of View | ~220° (Diagonal) | | Denoise |
| Minimum Focus Distance | ~0.2 m | | Gamma Tone Mapping |
| IR Filter | 650 nm (Included) | | Integrated ISP Logic |
| Lens Size | 16 mm × 13.5 mm | Interface | MIPI / Digital Interface |
| Image Sensor | OX01G10-E48Y-000B | Output Formats | YUV / RGB / RAW |
| Sensor Type | CMOS Digital Image Sensor | | |