# BASLER RACER LINE SCAN CAMERAS

GigE & Cameralink Line Cameras

RAL2048-48GM
CAM GLS M 1*2048 48K BAS



- 2 k to 12 k resolution
- Up to 80 kHz Line Rate
- Monochrome Cameras
- GigE Vison Compatible
- Lens Mount: C-mount & F-mount

**PRODUCT DESCRIPTION**

The Basler Racer Line Scan camera features a slim build of only 56mm, to easily fit into most systems, as well as being able to deliver exceptional performance even under low voltage LED lighting.
The Racer camera range is available in GigE or CameraLink with a range of resolutions from 2k to 12k, with a line rate of up to 80 kHz via camera link and up to 51 kHz via GigE.
This range of Line Scan cameras is particularly suited for applications in, web inspections (film, paper, cotton textiles), sorting and packaging (refuse, postal, foodstuffs) and transport related applications (underfloor, rail, overhead, container inspections).

# SPECIFICATIONS

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|---|---|
| **Sensor model** | DR-2k-7 |
| **Resolution Max** | 2048 x 1 px |
| **Mono/Color** | Mono |
| **Shutter type** | Global |
| **3612_Pixel size (µm)** | 7 x 7 |
| **Sensor size** | 14.3 mm |
| **Digital Outputs** | 2 |
| **Digital Inputs** | 3 |
| **Approvals** | CE, EAC, FCC, GenICam, GigE Vision, RoHS, UL |
| **IP Class** | IP30 |
| **Sensor supplier** | Awaiba |
| **Sensor type** | CMOS |
| **Line Speed Max** | 51 kHz |
| **Lens Barrel** | C-mount, F-mount, M42, M58 |
| **Weight** | 240 g |
| **Length** | 36 mm |

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|---|---|
| **Width** | 56 mm |
| **Height** | 62 mm |
| **Power Consumption** | 3 W |
| **Operating temperature** | -10°C ... 60°C |

