

## BASLER RACER LINE SCAN CAMERAS

GigE & Cameralink Line Cameras

RAL2048-48GM  
Racer GigE Camera, DR-2K-7 14.3mm CMOS, 2k,  
Mono



- 2 k to 12 k resolution and Up to 80 kHz Line Rate
- Supported by Pylon Suite software and open-source SDKs for easy image acquisition and fast application development
- Monochrome Cameras
- GigE Vision and Camera Link Interface 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).

### TECHNICAL DATA

<b>Approvals</b>	CE, EAC, FCC, GenICam, GigE Vision, RoHS, UL
<b>Digital inputs</b>	3
<b>Digital outputs</b>	2
<b>Height</b>	62 mm
<b>Interface</b>	GigE
<b>IP class</b>	IP30
<b>Length</b>	36 mm
<b>Lens barrel</b>	C-mount, F-mount, M42, M58
<b>Line speed max</b>	51 kHz
<b>Mono/color</b>	Mono
<b>Operating temperature</b>	-10°C ... 60°C
<b>Pixel size</b>	7 x 7 µm
<b>Power consumption</b>	3 W
<b>Resolution</b>	2k
<b>Resolution max</b>	2048 x 1 px

<b>Sensor model</b>	DR-2k-7
<b>Sensor size</b>	14.3 mm
<b>Sensor supplier</b>	Awaiba
<b>Sensor Type</b>	CMOS
<b>Shutter type</b>	Global
<b>Weight</b>	240 g
<b>Width</b>	56 mm

