

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

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

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

