

BASLER RACER LINE SCAN CAMERAS

GigE & Cameralink Line Cameras

RAL8192-12GM

Racer GigE Camera, DR-8K-3.5 28.7mm CMOS, 8k, Mono

- 2 k to 12 k resolution
- Up to 80 kHz Line Rate
- Monochrome Cameras
- GigE Vision Compatible



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

Approvals	CE, EAC, FCC, GenICam, GigE Vision, RoHS, UL
Digital Inputs	3
Digital Outputs	2
Height	62
Interface	GigE
IP Class	IP30
Length	36
Lens Barrel	C-mount, F-mount, M42, M58
Line Speed Max	12
Mono/Color	Mono
Operating temperature	0°C ... 50°C
Pixel size	3.5 x 3.5
Power Consumption	5.5
Resolution	8k
Resolution Max	8192 x 1 px

Sensor model	DR-8k-3.5
Sensor size	28.7 mm
Sensor supplier	Awaiba
Sensor type	CMOS
Shutter type	Global
Weight	240
Width	56

