

BASLER RACER LINE SCAN CAMERAS

GigE & Cameralink Line Cameras

RAL6144-16GM
CAM GLS M 1*6144 16K BAS

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

Sensor model	DR-6k-7
Resolution	6k
Resolution Max	6144 x 1 px
Mono/Color	Mono
Shutter type	Global
Pixel size	7 x 7
Sensor size	43 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	17 kHz
Lens Barrel	C-mount, F-mount, M42, M58

Weight	240 g
Length	36 mm
Width	56 mm
Height	62 mm
Power Consumption	4.5 W
Operating temperature	0°C ... 50°C

