

BASLER RACER LINE SCAN CAMERAS

GigE & Cameralink Line Cameras

RAL6144-80KM
Racer CameraLink Camera, DR-6K-7 43mm CMOS, 6k,
Mono

- 2 k to 12 k resolution
- Up to 80 kHz Line Rate
- Monochrome Cameras
- GigE Vison 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, RoHS, UL
Digital Inputs	4
Digital Outputs	4
Height	62
Interface	Camera Link
IP Class	IP30
Length	34
Lens Barrel	C-mount, F-mount, M42, M58
Line Speed Max	80
Mono/Color	Mono
Operating temperature	0°C ... 50°C
Pixel size	7 x 7
Power Consumption	4.5
Resolution	6k
Resolution Max	6144 x 1 px

Sensor model	DR-6k-7
Sensor size	43 mm
Sensor supplier	Awaiba
Sensor type	CMOS
Shutter type	Global
Weight	210
Width	56

