

## BASLER RACER LINE SCAN CAMERAS

### GigE & Cameralink Line Cameras

RAL12288-66KM  
Racer CameraLink Camera, DR-12K-3.5 43mm CMOS,  
12k, 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

<b>Approvals</b>	CE, EAC, FCC, GenICam, RoHS, UL
<b>Digital Inputs</b>	4
<b>Digital Outputs</b>	4
<b>Height</b>	62
<b>Interface</b>	Camera Link
<b>IP Class</b>	IP30
<b>Length</b>	34
<b>Lens Barrel</b>	C-mount, F-mount, M42, M58
<b>Line Speed Max</b>	66
<b>Mono/Color</b>	Mono
<b>Operating temperature</b>	0°C ... 50°C
<b>Pixel size</b>	3.5 x 3.5
<b>Power Consumption</b>	6.5
<b>Resolution</b>	12k
<b>Resolution Max</b>	12288 x 1 px

Sensor model	DR-12k-3.5
Sensor size	43 mm
Sensor supplier	Awaiba
Sensor type	CMOS
Shutter type	Global
Weight	210
Width	56

