

EYELIKE CAMERA

**Flexible full colour or monochrome
camera core
PAL output
Extremely high dynamic range**



Eyelike Camera is an extraordinary camera, designed to operate in situations where both extreme bright and very dark areas are visible in the scene. Developed around a CMOS sensor with an extremely high dynamic range, a logarithmical response and equipped with our revolutionary **ShadowBoost™** technology. The camera reacts the same way as the human eye, creating the perfect solution for situations where you want to see behind the light. A ready-to-use camera, perfect for your applications!

Key features

- **ShadowBoost™** technology to unveil the dark parts of a scene
- Extremely high dynamic range
- Flexible platform

Applications

- Automotive
- Process automation and machine vision
- Security and surveillance
- Intelligent transportation systems
- Traffic observation



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NIGHT VISION THERMAL IMAGING CAMERA DEVELOPMENT

EXTRAORDINARY CAMERA SYSTEMS

EYELIKE CAMERA

System basics

Type	Full colour or monochrome WDR CMOS camera
Optical format	2/3 inch
Sensor resolution	1280 x 1024 (720 x 576 pixels for PAL output)
Dynamic range	140 dB
Spectral range	400 – 1000 nm
Frame rate	Analog: PAL 25 Hz

Input and output

Output	Mini BNC, Analog: PAL
Interface	RS232
Power	DC power plug

Features

Image processing	Powerful, FPGA based, digital image enhancement: white balance, gamma correction, brightness, defect pixel correction, etc. ShadowBoost™ for improved visibility of dark areas
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Camera control	Gain, sync, etc.
Lens mount	C-mount, 1 inch optical format

Physical dimensions

Size	Diameter: 48 mm; length: 42 mm
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Power

Input voltage	5 Volt DC, 2 Watt
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Environmental parameters

Operating and storage temperature	-30°C to +75°C, -40°C to +85°C
Weight	120 grams

ITS offers full technical and mechanical support
Output formats and connectors on request
Preliminary specifications



Designs and specifications are subject to change without notice.



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