

# StroboLED II high-intensity strobe LED light

Using electronic cameras to record extremely short events without motion blur usually demands ultra-fast shutter speeds. The resulting need for powerful illumination is often difficult to meet under practical conditions. StroboLED II offers a new, unique alternative.

With StroboLED connected to the strobe or synch output of the camera, every signal triggers a flash. The duration of each flash is extremely short. The effect is the same as using ultra-fast shutter speeds. Crisp, sharp images without motion blur can be obtained without need for powerful, conventional lights. StroboLED's ultra-bright LEDs and intelligent electronics allow pulse times as short as 10msec. Available with various LED specifications and flash times, this high-intensity strobe LED light can also be supplied in an extra-rugged version for use in harsh environments.



## More features - more versatility

### Cold light source

LEDs emit light in the visible or near infrared spectrum without generating the excessive heat of conventional lighting systems.

### Multifunctional

Integration is easy thanks to settings that allow synchronization with high-speed cameras and standard camera types.

### Cost-efficient

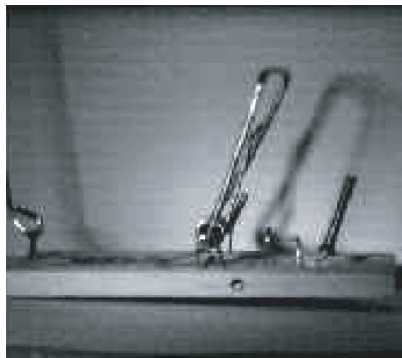
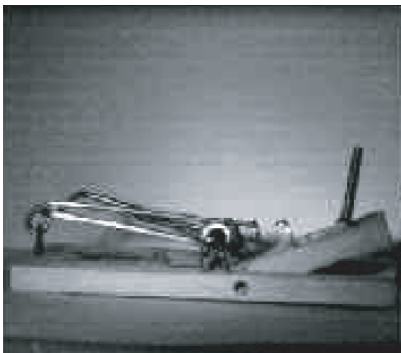
StroboLED not only meets your high-speed imaging requirements, it can also be used for visual inspection applications and thus offers exceptional value.



*Imaging for smart decisions*

# StroboLED II

Put fast-moving subjects in the right light – with StroboLED II.

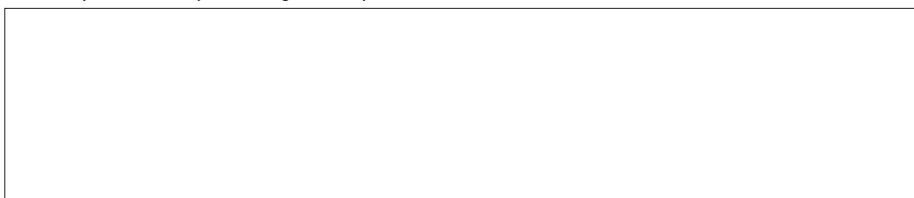


Recorded using a high-speed camera with StroboLED synchronized at 1000fps / 30  $\mu$ sec flash time.

## Technical specifications

Number of LEDs	144
LED color	White, Red (633nm), Infrared (880nm)
	Other colors available on request (blue, green, amber)
Angle of illumination	Visible light: 30°, Infrared: 20°
	Other angles available on request, depending on LED type
Pulse duration	Adjustable by switch to 10, 30, 50 $\mu$ sec
	Other pulse durations available on request
Frequency range	Variable from single pulse to 25kHz continuous operation
	Electronic overload protection
Trigger	TTL input, rising edge
Connectors	Trigger: BNC connector, Power: 3-pin connector (supplied)
Power supply	24 vdc / 30 W (power source not supplied), 0.75 kg (without battery)
Dimensions /weight	105 x 90 x 55mm / approx. 0.4kg incl. robust aluminum housing

Technical specifications subject to change without prior notice



AOS Technologies AG  
Taefernstrasse 20  
CH-5452 Baden-Daettwil, Switzerland  
Tel. +41 (0)56 483 34 88  
Fax. +41 (0)56 483 34 89

Info@aostechnologies.com  
www.aostechnologies.com



Imaging for smart decisions