



ScienceMosaic.com

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Shutter Speed:

Learn more about the properties of your camera system!

ScienceMosaic™ Shutter Speed system provides an accurate and easy way to evaluate how the camera shutter performs in your audio-video system.

Key features:

- Rolling LEDs line-by-line or a column as a whole
- Adjustable timing: 50 μ s to 10 s
- Number of LEDs: 120 (20 x 6)
- 5V TTL - trigger output and trigger input to interface with DUT or other equipment
- Dimension: 115 mm x 119 mm x 22 mm
- Mounting: 1/4" tripod mount, magnetic mount to stick it onto a metal surface
- Power: 5V USB-C
- Operation modes: Standalone or with a PC software (Windows 10 or 11, Linux)

What you can test:

- rolling shutter speed
- rolling shutter jitter
- boot-up time of a camera system
- shooting time lag
- autofocus time
- burst frame rate
- display refresh rate
- exposure time

What is in the kit:

- 1x ScienceMosaic™ Shutter Speed device
- 1x USB-C power cable (2 meters)
- 1x 3.5mm RCA sync cable (for external trigger source)
- 1x software (with open API) to automate your shutter testing workflow



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