

SI-OT4



Optical Trigger Unit



Rugged Design

Optimisable
Background,
High Contrast
detection

Shadow &
Flash Detector

The Specialised Imaging OT4 provides a reliable optical trigger for either projectile "shadow" detection or flash detection. Our low-ripple AC power unit, with a rugged enclosure allows the OT4 to be used outside in all weathers.

FEATURES

- Small and lightweight
- Low ripple rugged AC power unit
- Nikon lens mount fitting
- User adjustable sensitivity



OPTICAL

Lenses	Nikon F-Mount
Alignment	Optical viewport

SENSOR

Sensor	Multi-Segment Photodiode array. 400nm – 700nm range
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INPUT / OUTPUT SIGNALS

Output (BNC)	Positive 5V
Trigger indicator	LED
Electrical input	18-24V DC AC Power Unit

MECHANICAL

Dimension mm (L x W x H)	OT4 Unit (without lens) 160mm x 140mm x 85mm 6.3" x 5.5" x 3.3" AC Power Unit 150mm x 120mm x 80mm 5.9" x 4.7" x 3.1"
Weights	OT4 Unit 1.1Kg / 2.4lb AC Power Unit 2Kg / 4.4lb
Sensor head mounting	1/4 - 20 UNC Female Base and top

ENVIRONMENTAL

Storage temperature	-10°C to +60°C
Operating temperature	-5°C to +45°C
Humidity	10—90% RH non condensing
Vibration shock	10—40 Hz Max. 10g in any direction
EMC	Meets all UKCA/EU harmonised standards



UK (Head Office / Factory)
6 Harvington Park,
Pitstone Green Business Park
Pitstone. LU7 9GX England
Tel +44 (0) 1442 827728

USA
Specialised Imaging Inc.
40935 County Center Dr. Suite D
Temecula, CA 92591, USA
Tel +1 951-296-6406

GERMANY
Bahnhofstr. 26 D,
82256 Fürstenfeldbruck,
Germany
Tel +49 8141 666 89 50

