

SI-OT3



Optical Trigger Unit

Rugged Design

Battery Powered

Shadow and IR Flash Detector



The Specialised Imaging OT3 provides a reliable optical trigger for either projectile "shadow" detection or IR flash detection

Battery powered, with a rugged enclosure allows the OT3 to be used outside in all weathers and independent of mains power.

Battery powers OT3 for up to 8 hours, battery charger included.

FEATURES

- ☐ Small and lightweight
- ☐ Battery powered for up to 8 hours
- ☐ Nikon lens mount fitting
- ☐ User adjustable sensitivity

OPTICAL

Lenses	Nikon F-Mount
Alignment	Optical viewport

SENSOR

Sensor	Multi-Segment Photodiode array. 300nm – 700nm range
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INPUT / OUTPUT SIGNALS

Output	Positive 5V TTL (BNC socket connector) 50Ω termination
Trigger indicator	LED
Electrical input	Battery Pack (inc. charger)

MECHANICAL

Dimension mm (w/d/h)	Sensor head (without lens) 9cm x 17cm x 9cm (3.5" x 6.7" x 3.5") Battery 15cm x 9.5cm x 17cm (6" x 3.7" x 6.7")
Weights	Sensor head 1Kg (2.2lbs) Battery 4Kg (8.8lbs)
Sensor head mounting	1/4 -20 UNC UNC Tripod Female in base & top

ENVIRONMENTAL

Storage temperature	-10 °C to +50 °C
Operating temperature	-5 °C to +40 °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
Hauptstr. 10,
82275 Emmering
Germany
Tel +49 8141 666 89 50



FM87429