

SI-OT4



Optical Trigger Unit

Rugged Design

Battery Powered

Shadow and IR Flash Detector



The Specialised Imaging OT4 provides a reliable optical trigger for either projectile "shadow" detection or IR flash detection. Battery powered, with a rugged enclosure allows the OT4 to be used outside in all weathers and independent of mains power. Battery powers OT4 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



Battery pack

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

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" Battery 150mm x 120mm x 150mm 5.9" x 4.7" x 5.9";
Weights	OT4 Unit 1.1Kg / 2.4lb Battery 5.7Kg / 12.5lb
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

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