

# 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
--------	--

### 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)	<b>OT4 Unit (without lens)</b> 160mm x 140mm x 85mm 6.3" x 5.5" x 3.3" <b>Battery</b> 150mm x 120mm x 150mm 5.9" x 4.7" x 5.9";
Weights	<b>OT4 Unit</b> 1.1Kg / 2.4lb <b>Battery</b> 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

**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