

# SI-OT4



## Optical Trigger Unit



**Rugged Design**

**Battery/AC Powered**

**Shadow & Flash Detector**

The Specialised Imaging OT4 provides a reliable optical trigger for either projectile "shadow" detection or 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.

### FEATURES

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



Battery pack (Optional)

### 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 Battery Pack (Optional)

### 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



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