

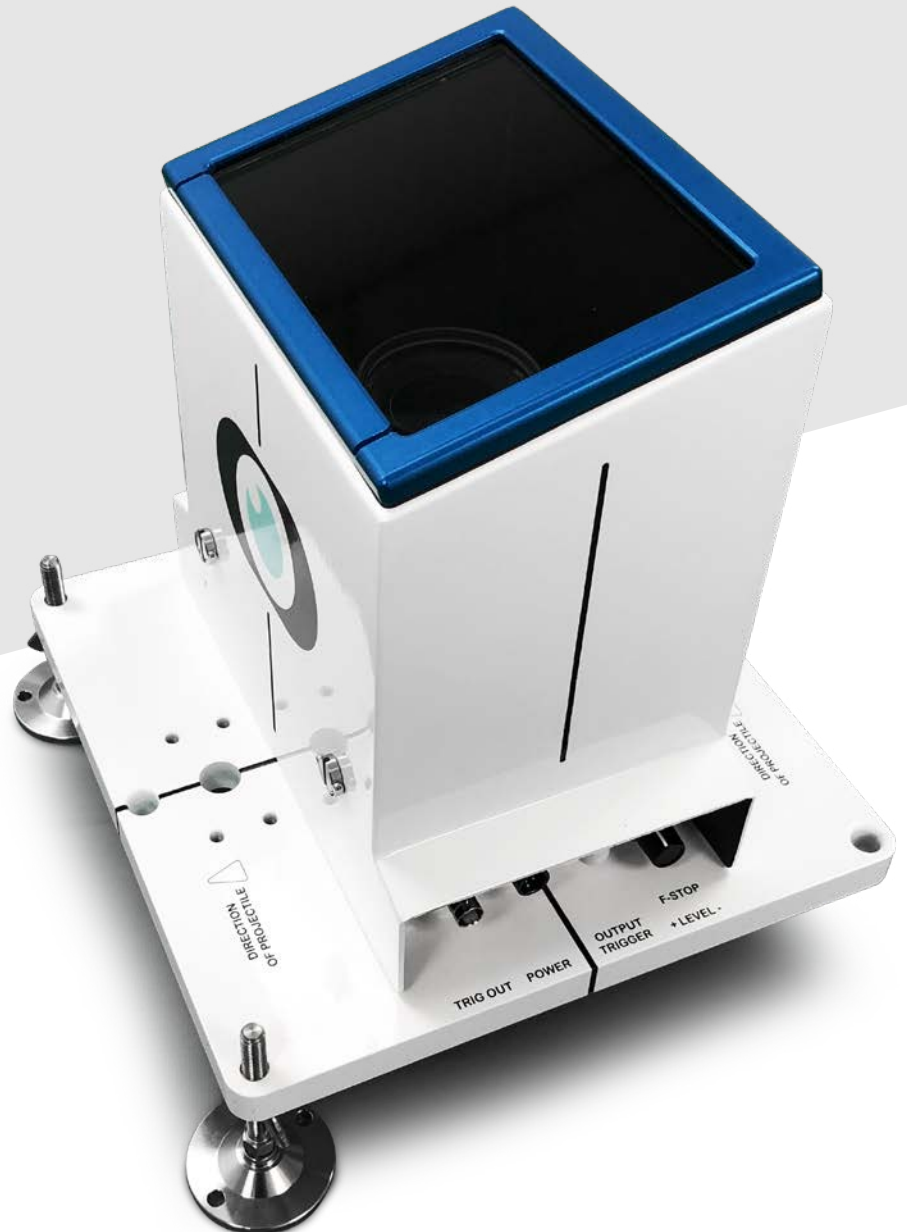
Optical Sky Screen Trigger Unit

Rugged Design

Battery Powered

Shadow Detector

High / Low pass filtering



The Specialised Imaging SST1 provides a reliable optical trigger for projectile "shadow" detection.

Battery powered, with a rugged enclosure allows the SST1 to be used outside in all weathers and independent of mains power.

Battery powers SST1 for up to 8 hours. Battery charger included.

FEATURES

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



OPTICAL

Lenses	Nikon F-Mount
Alignment	Engraved Datum lines

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 (w/d/h)	Unit with Standard cover 28cm x 28cm x 29cm (11" x 11" x 11.5")
	Unit with Extended cover (Optional) 28cm x 28cm x 38cm (11" x 11" x 15")
	Battery Pack 15cm x 12cm x 15cm (5.9" x 4.7" x 5.9")

Weights	Standard unit 5.8Kg (12.7lbs)
	Extended cover unit (Optional) 6Kg (13.2lbs)
	Battery 5.7Kg (12.5lbs)

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)

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