### SI-SST1



## Optical Sky Screen Trigger Unit

**Rugged Design** 

**Battery Powered** 

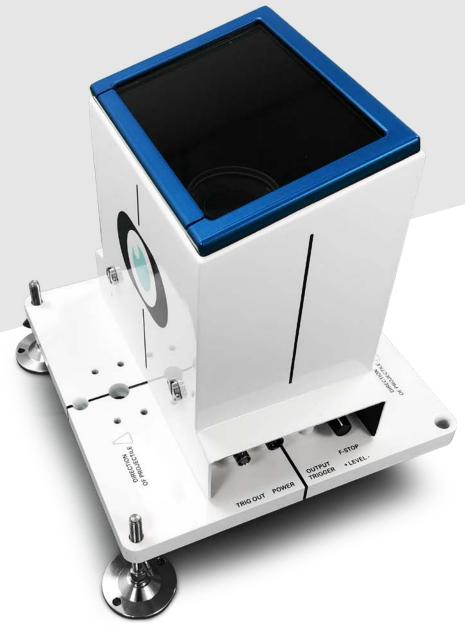
**Shadow Detector** 

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
- ☐ Optional remote sensitivity adjustment







#### **Optical Sky Screen Trigger Unit**



# OPTICAL Lenses Nikon F-Mount Alignment Engraved Datum lines

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 (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		
-10°C to +60°C		
-5°C to +45°C		
10—90% RH non condensing		
10—40 Hz Max. 10g in any direction		
Meets all UKCA/EU harmonised standards		

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