



*Advanced, Adaptable, Instant Sensitivity*



### FLASH DETECTOR TYPE 768

For the detection of muzzle flash, explosion, or other similarly brief event, the Flash Detector Type 768 is an ideal unit. From this, projectile exit time, time of flight to target, and other parameters can be measured.

The system comprises a detector mounted on a photographic tripod – its narrow field of view allows for further detection distance. This is an advanced and reliable flash detector that is certain to perform consistently.

## ADVANCED AND RELIABLE

### HARDWARE/SOFTWARE

- **Detector** provides an output signal in response to a brief light pulse.
- **Trigger** can start other events or equipment like a camera or x-ray.
- **Detector Power Unit Type 783-120** provides the detector with power and allows adjustment of sensitivity.
- **Event Distinction** means the system ignores slow events, such as flicker from fluorescent lighting.
- **Built-In Test Facility** allows system function to be checked prior to operation.
- **Infrared Flash Beacon Type 768-100** is an option that may be used to assist in alignment and testing of the unit.

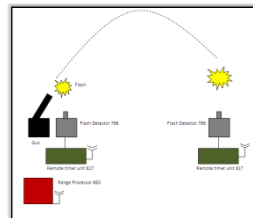
### SPECIFICATION

HARDWARE	
Wavelength Spectral Range	430nm to 1064nm
Peak Spectral Response	900nm
Field of View	6° with 50mm lens
Min. Flash Rise Time	1500 candela/m <sup>2</sup> per second
Min. Detectable Flash Luminance at 5m	15 candela/m <sup>2</sup>
Min. Detectable Flash Duration	4µs
POWER/COMMS	
Power	10V-30V DC
Power Supply	Detector Power Unit Type 783-120
ENVIRONMENT	
Operating Temperature	-10°C - +50°C [14 °F - 122 °F]
Humidity	The unit is sealed
DIMENSIONS	
Length x Diameter	290mm x 152mm [11.4in x 6.0in]
Weight with tripod	9.8kg [21.6lbs]
Weight without tripod	5.8kg [12.8lbs]

### USED WITH



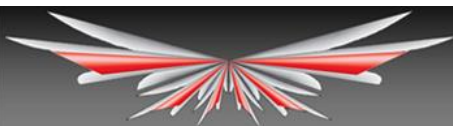
Automated Flight-Follower Type 631



Burst Time Measurement Equipment



High Speed Video Camera



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