

Flash Detector System

赤外線発光検出キット

Key Features:

USB powered dual sensor flash detector
Dual, angled, IR sensors provide angle to flash
(within a single plane)
AC coupled, Matched filter processing to detect
flash events in the 1 to several millisecond range
Improves rejection of spurious environmental IR events



Software control of sensor gain
Allows matching of the two sensor channels
System can be tailored to range of expected flash events

Software control of trigger set point.
False error rate is based on trigger threshold setting

Software provides amplitude and angle output as well as
a time record of the flash event
Small 3.6" x 1.4" form factor
Detector preamp boards have sockets for quick removal and replacement of IR detectors
Windows drivers and software : XP and later

Kit Includes:

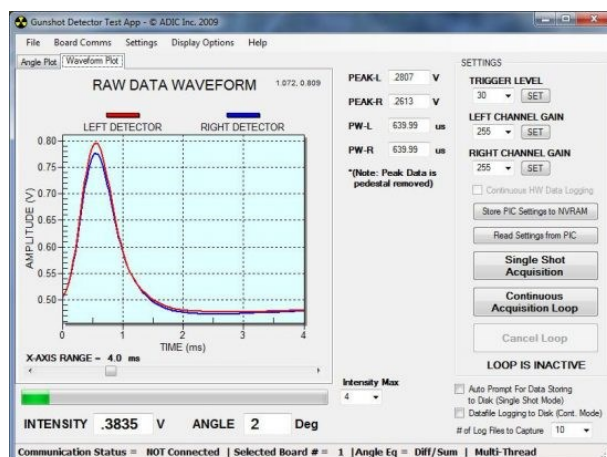
FLADE-R1 Development Board
USB Cable
Two (2) Non-cooled PbS or PbSe detectors
Software with Users Manual

Applications:

Muzzle flash detection
Active Protection Systems

Power Requirements:

5.0 Volts, USB power only



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