Easy to use:
Just connect the output to a scope or DVM to observe movement
in µm units (1Volt=1000µm)

Compact:
Slim design sensor heads and electronics box.

Precise:
Large area detection with sub-micron resolution and linearity
better than 0.5%

Versatile:
Measures both Position and power using two-dimensional
position sensitive detectors: compatible with our Lateral
Effect PSD's 4mmX4mm or 9mmX9mm

Main Applications:
Analog Version

Specifications

General Specifications

Parameters | Symbol | Value
--- | --- | ---
Power supply | Voltage | ±15V
Input voltage | Voltage | ±15V
Operating temperature | Temp | 0°C - 40°C
Current consumption | Max | ±15mA

Guaranteed parameters:
- Response time (T): <60 µsec for 9X9mm PSD
- Resolution: Better than 1mV

Dimensions

4x4mm head (120gr with cable)
9x9mm head (140gr with cable)
Electronics box (125gr)

Ordering Information

Complete system based on a Lateral Effect detector head, with a 3m long attached cable and an electronics box
SPOTANA-4: System with 4mmX4mm PSD
SPOTANA-9: System with 9mmX9mm PSD

Accessories:
- A variety of ND filters in housing (C-Mount). Filters include: NG4, NG9, NG10
- Additional hood (55mm length) for ambient light suppression