

Photoelectric Beams

Active Infrared Photoelectric Beams

“A full line of photobeams with world class features and competitive pricing.”



Features

- Single, dual and quad beam models with range up to 800'
- Suitable for outdoor or indoor installations
- Easy alignment features reduce installation time
- Adjustable beam blocking time
- Includes pole mount kit
- Eight selectable frequencies to avoid cross-talk (>500' models only)
- Environmental disqualification circuit bypasses false alarms in heavy fog/snow/rain (>500' models only)

IntelliBeam Active Infra-Red Detectors

| FEATURES | IB-250S | IB-100D | IB-200D | IB-525D | IB-500Q | IB-800Q |
|--------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Range Outdoor | 250 ft. (80m) | 100 ft. (30m) | 200 ft. (60m) | 525 ft. (155m) | 500 ft. (150m) | 800 ft. (240m) |
| Range Indoor | 500 ft. (160m) | 300 ft. (90m) | 600 ft. (180m) | 1050 ft. (310m) | 1000 ft. (300m) | 1600 ft. (480m) |
| Beam Type | Single Pulsed Beam | Two Pulsed Beams | Two Pulsed Beams | Two Pulsed Beams | Four Pulsed Beams | Four Pulsed Beams |
| Environmental Disqualification Circuit | | | | ✓ | ✓ | ✓ |
| Adjustable Beam Frequency | | | | ✓ | ✓ | ✓ |
| Adjustable Beam Blocking Time | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pole Mount Kit Included | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Vertical Optical Adjustment | 10° | 20° | 20° | 24° | 24° | 24° |
| Horizontal Optical Adjustment | 180° | 180° | 180° | 180° | 180° | 180° |
| Optical View Finder | Integral | Detachable | Detachable | Integral | Integral | Integral |
| Power Input | 10 to 26 VDC | 10.5 to 26 VDC | 10.5 to 26 VDC | 10.5 to 28 VDC | 10.5 to 28 VDC | 10.5 to 28 VDC |
| Current | 50mA | 40mA | 55mA | 95mA | 95mA | 95mA |
| Alarm Output | Form C | Form C | Form C | Form C | Form C | Form C |
| EDQ Output | | | | Form A | Form A | Form A |
| Tamper Output | Form A | Form A | Form A | Form A | Form A | Form A |
| Mounting | Wall or Pole | Wall or Pole | Wall or Pole | Wall or Corner | Wall or Corner | Wall or Corner |
| Operating Temperature | -13F to 131 F (-25 C to 55 C) | -13F to 131 F (-25 C to 55 C) | -13F to 131 F (-25 C to 55 C) | -13F to 131 F (-25 C to 55 C) | -13F to 131 F (-25 C to 55 C) | -13F to 131 F (-25 C to 55 C) |
| Optional Heater (IB-HTR) | | | | ✓ | ✓ | ✓ |
| Optional Back-to-Back Mounting Kit <small>IB-BM10</small> | | | | ✓ | ✓ | ✓ |