

### Photoelectric beam detectors

Security professionals and final users alike put emphasis on the increasing need for perimeter protection. The penchant is for "fast" intrusion detection, attributable to the evident advantages of the early warning of such events. To satisfy this need, INIM offers a complete line-up of Photoelectric beam detectors. The line-up includes dual, triple and quad photoelectric beam detectors with outdoor ranges of 60 to 200 metres.

## BD-D060



### ORDER CODES

**BD-D060:** dual photoelectric detector, range 60m.

## BD-T100



### ORDER CODES

**BD-T100:** triple photoelectric detector, range 100m.

## BD-Q200



### ORDER CODES

**BD-Q200:** Quad photoelectric detector, range 200m.

|                                   | Dual photoelectric detectors | Triple photoelectric detectors | Quad photoelectric detectors |
|-----------------------------------|------------------------------|--------------------------------|------------------------------|
|                                   | model BD-D060                | model BD-T100                  | model BD-Q200                |
| Detection method                  | Infrared                     | Infrared                       | Infrared                     |
| Beam characteristics              | Dual beams                   | Triple beams                   | Quad beams                   |
| Outdoor range                     | 60m                          | 100m                           | 200m                         |
| Indoor range                      | 180m                         | 300m                           | 600m                         |
| Detection time                    | Selectable from 50 to 700ms  | Selectable from 50 to 700ms    | Selectable from 50 to 700ms  |
| Power input                       | From 12Vdc to 24Vdc          | From 12Vdc to 24Vdc            | From 12Vdc to 24Vdc          |
| Power consumption                 | 55mA max                     | 80mA max                       | 105mA max                    |
| Alarm output                      | Form C relay (30Vdc, 0,5A)   | Form C relay (30Vdc, 0,5A)     | Form C relay (30Vdc, 0,5A)   |
| Tamper output                     | Form C relay (receiver only) | Form C relay (receiver only)   | Form C relay (receiver only) |
| Horizontal alignment angle        | +/- 90°                      | +/- 90°                        | +/- 90°                      |
| Vertical alignment angle          | +/- 5°                       | +/- 10°                        | +/- 10°                      |
| IP grade                          | IP54                         | IP54                           | IP54                         |
| Dimensions (HxWxP)                | 170x82x80mm                  | 270x90x100mm                   | 345x110x105mm                |
| Weight (transmitter and receiver) | 650g                         | 2168g                          | 3100g                        |