



The PB-IN-HF series is the flagship of the TAKEX range of infrared photoelectric beams. By synchronizing 16 beam paths between Transmitter and Receiver, the PB-IN-HF series offer unrivaled stability in perimeter security. Coupled with channel separation and environmental (anti-fog) circuitry, the PB-IN-HF series has earned worldwide recognition as the standard our rivals aspire to.

PB-IN-50HF

Up to 50m (165ft) outdoor / 100m (330ft) indoor (4-ch selectable)

PB-IN-100HF

Up to 100m (330ft) outdoor / 200m (660ft) indoor (4-ch selectable)

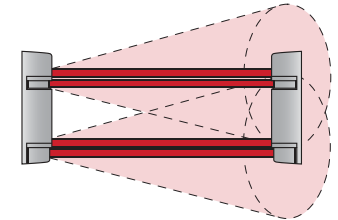
PB-IN-200HF

Up to 200m (660ft) outdoor / 400m (1320ft) indoor (4-ch selectable)

Features

As PB-50F/100F/200F plus:

- selectable 4-channel beam frequencies
- environmental monitoring circuit
- dynamic auto-gain control (AGC)



Model	PB-IN-50HF/100HF/200HF
Detection system	Active Infrared Beam (Synchro Quad)
Alarm output	Dry contact relay output: 1c Reset time: detection time + delay time (approx. 1.5 sec.) 30V (AC/DC) 1A max.
Supply voltage	12V to 30VDC (non-polarity)
Current consumption	85mA or less
Ambient temperature	-35 to +66°C (-31 to +151°F)
Installation	Outdoor / indoor: wall, pole
Options	Pole cover (BP-200F)
Dimensions	104 x 390 x 98mm (4.09 x 15.35 x 3.86")
Weight	Transmitter: 1.2kg (2.65lbs) / Receiver: 1.3kg (2.87lbs)

The PB-IN-100AT is designed with high security applications in mind, where attempts to crawl through a portion of the beam result in an alarm condition. Through CPU processing, the upper receiver selects the beam from the upper transmitter and the lower receiver selects the beam from the lower transmitter, creating an AND/OR-gated type detection system.

PB-IN-100AT

Up to 100m (330ft) outdoor / 200m (660ft) indoor (4-ch selectable)

Features

As PB-IN-50HF/100HF/200HF plus:

- independent activation of upper or lower beams
- dual response time system



Model	PB-IN-100AT
Detection system	Active Infrared Beam (2 x Synchro Twin)
Alarm output	Dry contact relay output: 1c Reset time: detection time + delay time (approx. 1.5 sec.) 30V (AC/DC) 1A max.
Supply voltage	12V to 30VDC (non-polarity)
Current consumption	120mA or less
Ambient temperature	-35 to +66°C (-31 to +151°F)
Installation	Outdoor / indoor: wall, pole
Options	Pole cover (BP-200F)
Dimensions	104 x 390 x 98mm (4.09 x 15.35 x 3.86")
Weight	Transmitter: 1.2kg (2.65lbs) / Receiver: 1.3kg (2.87lbs)