

Even the simplest beams from TAKEEX feature our patented 'double modulation' technology giving them an unsurpassed immunity to sunlight and artificial light sources. Unique Double Modulated beams are combined with a specially designed external light compensation circuit for trouble-free operation up to 50,000 lux along the beam axis, giving unrivaled immunity to direct and reflected sunlight, vehicle headlights, and other light sources.

Our Twin photoelectric beams are designed to meet the highest standards of quality and reliability for photoelectric beam intrusion detection. Twin beams are synchronised to reinforce range and stability in severe weather conditions.

### PB-30TK

Up to 30m (100ft) outdoor / 60m (200ft) indoor (single channel)

### PB-60TK

Up to 60m (200ft) outdoor / 120m (400ft) indoor (single channel)

### PB-100TK

Up to 100m (330ft) outdoor / 200m (660ft) indoor (single channel)

#### Features

- 2 synchronised high power beams
- double modulation for unsurpassed light immunity
- auto-gain lock
- IP55 housing



### PB-20TE

Up to 20m (66ft) outdoor / 40m (135ft) indoor (4-ch selectable)

### PB-40TE

Up to 40m (135ft) outdoor / 80m (270ft) indoor (4-ch selectable)

### PB-60TE

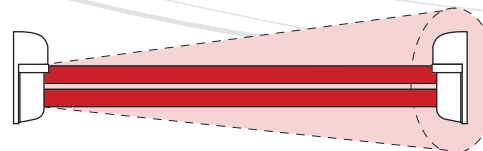
Up to 60m (200ft) outdoor / 120m (400ft) indoor (4-ch selectable)

#### Features

as PB-30TK/60TK/100TK plus:

- selectable 4-channel beam frequencies

Model	PB-30TK/60TK/100TK
Detection system	Active Infrared Beam (Synchro Twin)
Alarm output	Dry contact relay output: 1c Reset time: detection time + delay time (approx. 1-3 sec.) 30V (AC/DC) 0.5A max.
Supply voltage	10V to 30VDC (non-polarity)
Current consumption	80mA or less
Ambient temperature	-25 to + 60°C (-13 to +140°F)
Installation	Outdoor / indoor: wall
Options	Pole cover (BP-60TE), pole bracket (BP-60A)
Dimensions	73 x 170 x 70mm (2.87 x 6.69 x 2.76")
Weight	Transmitter: 380g (13.3oz) / Receiver: 400g (14oz)



Model	PB-20TE/40TE/60TE
Detection system	Active Infrared Beam (Synchro Twin)
Alarm output	Dry contact relay output: 1c Reset time: detection time + delay time (approx. 1-3 sec.) 30V (AC/DC) 0.5A max.
Supply voltage	10V to 30VDC (non-polarity)
Current consumption	80mA or less
Ambient temperature	-25 to + 60°C (-13 to +140°F)
Installation	Outdoor / indoor: wall, pole
Options	Pole cover (BP-60TE)
Dimensions	73 x 170 x 70mm (2.87 x 6.69 x 2.76")
Weight	Transmitter: 380g (13.3oz) / Receiver: 400g (14oz)