

Photoelectric Beam Detector (ABE-50/100/150/200/250)

Product Description

Features:

3 Synchronized Pulsed Beams
 99.5% Beam Blocking Stability
 Frost and Dew Protection
 High Grade Aspherical Lens
 10 LED Indicators for Quick Alignment
 Adjustable Beam Interruption Period
 A. G. C(Automatic Gain Control) Circuit

Model: ABE-50/100/150/200/250

Detection method: Active Infrared Beam

Detection Range:

Outdoor: 50m/100m/150m/200m/250m

Indoor: 150m/300m/450m/600m/750m

Beam characteristics: Pulsed infrared dual beams

Interruption period: 50~700m sec(selectable)

Power input: DC12~24V/AC11~18V

Current consumption: 70mA max/80mA max/90mA max/100mA max/100mA max

Alarm period: 2Sec(± 1)nominal

Alarm output: Form C relay (AC/DC 30V 0.5A max)

Tamper switch: N. C. Opens when cover is removed (receiver only)

Environment humidity: 95% max

Alignment angle: ± 10° Vertical, ± 90° Horizontal

Mounting: Wall or pole

Weight: 2168g(Both transmitter and receiver)

Dimension: 285*90*96mm

Appearance: PC Resin(Black)



Model	ABE-50	ABE-100	ABE-150	ABE-200	ABT-250	
Detection method	Active Infrared Beam					
Range	Outdoor	50m	100m	150m	200m	250m
	Indoor	150m	300m	450m	400m	750m
Beam characteristics	Pulsed infrared dual beams					
Interruption period	50~700m sec(selectable)					
Power input	DC12~24V/AC11~18V					
Current consumption	70mA max	80mA max	90mA max	100mA max	100mA max	
Alarm period	2Sec(±1)nominal					
Alarm output	Form C relay (AC/DC 30V 0.5A max)					
Tamper switch	N.C.Opens when cover is removed (receiver only)					
Operating temperature	-25~+55					
Environment humidity	95% max					
Alignment angle	±10°vertical, ±90°horizontal					
Mounting	Wall or pole					
Weight	2168g(Both transmitter and receiver)					
Dimension	285*90*96mm					
Appearance	PC Resin(Black)					