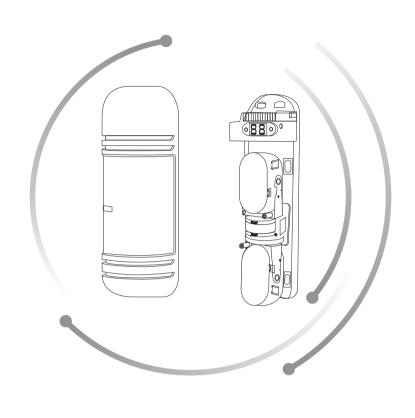
Bus/wired Passive Infrared Intruder Detector with Four Beams

## **ABH Series**

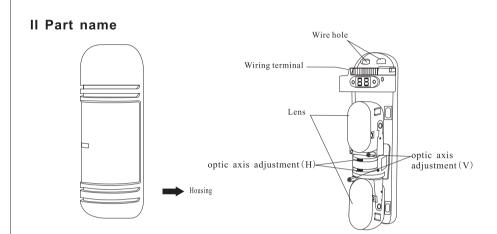
## **User Manual**



## P/N:2014821-4

## I Model and specifications

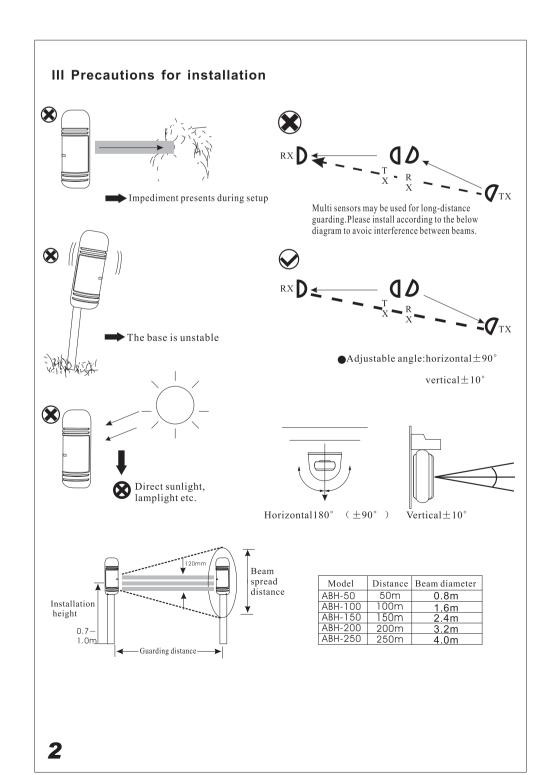
Model		ABH-50	ABH-100	ABH-150	ABH-200	ABH-250
Alert distance	(Outdoor)	50m	100m	150m	200m	250m
	(Indoor)	150m	300m	450m	600m	750m
Number of beams		4 beams				
Detection mode		4 beams blocked simultaneous				
Light source		Infrared digital pulse beam				
Response time		50-240ms (adjustable without degree)				
Alarm output		Relay output, NO-NC, able to connect AC, DC30V 30mA Max				
Power supply		DC13.8V-24V				
Power consumption		95mA	100mA	100mA	100mA	105mA
Operation temperature&humidity		-25°C~55°C 5%-95%RH (relative humidity)				
Tamper output		NC,able to connect AC,DC24V 0.3A Max				
Optical axis adjustment (H)		180° (±90° )				
Optical axis adjustment (V)		20° (±10° )				
Material		P C resin				
Net weight		2000g (receiver+transmitter)				
Gross weight		2500g				

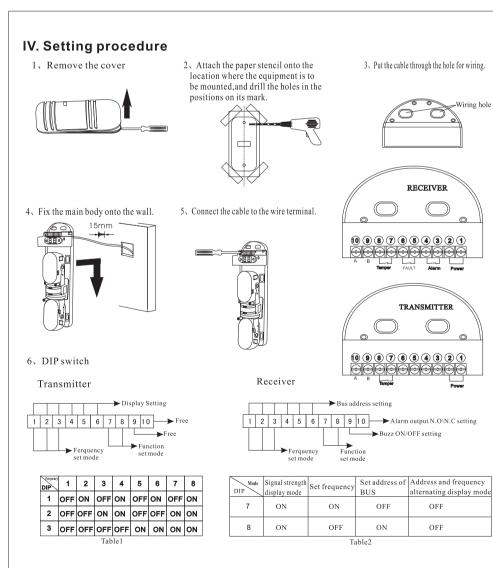


Feature:

- 1. Under bus connection mode: The digital display of RX synchronize with the TX after the RX receive the signal from bus.
- 2.Anti-fog function: when signal strength decrease slowly to 0.8V the detector will active anti-fog alarm ( TBL out put), when signal decrease to 0.4V, will active alarm. When signal get back to 1.2v cancel alarm.

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Function setting(table 2)

- 1. Set frequency mode: the digital shows the frequency, set it on DIP 1,2,3, refer to table 1.
- 2.Setaddress of bus:the digital display shows the address number, set it at DIP 1,2,3,4,5,6, 3.Set signal strength display mode:the digital display shows the signal stength of beams,
- the DIP 1,2,3,4,5,6 under this mode is free.

  4. Address and frequency alternating display mode: the digital display take turns to show

the address and frequency. The DIP 1,2,3,4,5,6 under this mode is free.

Zone address setting: first enter the address setting mode, refer to table 2) under address setting mode, switch the DIP 1-6 to set the detector's zone address, first set the DIP at ON, the number, Example this is zone 18(17+1)

