

ABT40 / ABT80

Model		ABT-40	ABT-80
Detection Range	Outdoor	40m	80m
	Indoor	120m	240m
Maximum Arrival Distance		250m	500m
Detection Method	Simultaneous interruption of 2 infrared beams		
Distance between 2 beams	11cm		
Interruption Time	50ms, 100ms,300ms,700ms adjustable		
Frequencies	4 different channels selectable		
Power Supply	DC/AC 12~24V		
Current Consumption		70mA max	80mA max
Alarm Period	≥ 1.5sec		
Alarm Output	1C. relay output (AC/DC30V, 1.0A max)		
Tamper Switch	NC, turns on when cover is moved		
Protection Degree	IP65		
Operating Temperature	-25C to +55C		
Environment Humidity	95% max		
Alignment Angle	Horizontal 180°(± 90°), Vertical 20°(±10°)		
Mounting	Outdoor or indoor, Wall or Pole		
Material	PC engineering plastic		
Dimension (L*W*H)	212*80*75mm		
Weight (Transimtter and Receiver)	1000g		
Attachments	U bracket	2pcs, 70.4*37.5*21.5mm, δ=1.5mm, stainless steel	
	Pole mounting srew	4pcs, PM4*30mm	
	Wall mounting screw	4pcs, PM4*25mm	
	Expansion pipe	4pcs, Ø7*27mm, green	
	Installation paper	2pcs, W85*H220mm	
Heaters (additional purchase)	Voltage	12V	
	Current	200mA max	
	Temperature	+70C	

Note: When environment temperature lower than -20C , please use heaters to ensure normal working. Heater is non-polarized.

Features:

1. NC/NO relay outputs.
2. DIP switch for easy programming.
3. Interruption time or walkspeed adjustable.
4. Wide voltage power input: DC/AC12-24V.
5. Alignment angle horizontal ±90°,vertical ±10°.
6. 2-bit LED display signal grading for easy alignment.
7. Integrated tamper switch, truns on when cover is moved.
8. Integrated heating function, reliable in cold/frost/fog weather.
9. Frequencies selectable for long distance and stacking installations.
10. Digital filtering, high environment adaptability to eliminate false alarms.

