



- 4 frequencies selectable for long distance and stacking installation
- Double-precision digital display signal strength
- Interruption time adjustable, user can adjust it according to environment and scenes
- Intelligent heating function, effectively eliminate ice and frost, adapt to harsh environment
- Progressively infrared signal processing functions (comparable with AGC function) to ensure the item work in wind, frost, snow, fog, moisture, direct sunlight and other bad weather etc.
- Digital CPU control circuit to control the transmitter and receiver
- Optional assisting equipment for alignment infrared beam, improving the efficiency
- Wide range voltage design, power supply between DC9~30V/AC9~20V, easy for centralized power supply.
- A variety of applications C relay outputs
- Tamper switch, open if the cover is removed
- Waterproof grade: IP65
- Alignment angle horizontally $\pm 90^\circ$, vertically $\pm 10^\circ$

ABT-100		
Detection distance	Outdoor	100m
	Indoor	300m
Detection distance(max)		600m
Detection method		Simultaneous interruption of 2 infrared beams
Interruption time		50ms,100ms,300ms,700ms(adjustable)
Frequencies		4 different frequencies(selectable)
Power and voltage		DC/AC 12V-24V
Current consumption		85mA max
Alarm cycle		$\geq 1.5s$
Alarm output		1C relay output(AC/DC30V,1.0A max)
Tamper		NC. works when cover is removed
IP rating		IP65
Operation temperature		$-25^\circ C \sim -55^\circ C$
Humidity		95% max
Correction angle		Horizontal Vertical $180^\circ(\pm 90^\circ)$, Vertical $20^\circ(\pm 10^\circ)$
Install location		Indoor/Outdoor,Wall/Pole
Weight		1000g
Dimension		L211.5mm*W79.9mm*H74.7mm
Attachment		
U bracket	2pcs ,70.4*37.5*21.5mm, $\delta=1.5mm$,stainless steel	
Pole mounting screw	4pcs, PM4*30mm	
Wall mounting screw	4pcs, PM4*25mm	
Expansion pipe	4pcs, $\phi 7^*27mm$,green	
Installation paper	2pcs, W85*H220mm	
Heater(additional purchase when temperature lower than $-20^\circ C$)		
Voltage	12V-24V DC/AC	
Current	200mA max	
Temperature	$+60^\circ C$	
Working condition	Auto heating when it's $\leq 5^\circ C$ and stop heating when $\geq 7^\circ C$	