



- Selectable frequency 4 channels: Stacking, Straight line, Square or other various applications are allowed.
- Professional waterproof design with rubber seal around, anti-rain, snow, dew, mist, frost etc, IP65 ingress protection.
- Triple beam: interval of 3 beams is 20cm, improves the ability of anti-false alarms.
- Intelligent temperature control system, pre-set heater terminals.
- Environment adaptive function, according to external environment changes, timely adjust to adapt the state, reduce the false alarms rate.
- AGC circuit, the detector will automatically increase sensitivity when faced harsh environment.
- Horizontal $\pm 90^\circ$ / vertical $\pm 10^\circ$ optical angle can be easy to adjust.
- LED display signal grade for easy alignment.
- Adopt digital DIP technology, frequency, sensitivity, indicator and operation power can be adjusted through DIP switches.

ABE-100		
Detection distance	Outdoor	100m
	Indoor	300m
Detection method	Simultaneous interruption of 3 infrared beams	
Interruption time	50ms,100ms,300ms,700ms(adjustable)	
Frequencies	4 different frequencies(selectable)	
Power and voltage	DC/AC 12V-24V	
Current consumption	80mA 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	1670g	
Dimension	L290.8mm*W90.5mm*H92mm	
Attachment		
U bracket	4pcs ,70.4*37.5*21.5mm, $\delta=1.5mm$,stainless steel	
Pole mounting screw	8pcs, PM4*30mm	
Wall mounting screw	8pcs, PM4*25mm	
Expansion pipe	8pcs, $\phi 7*27mm$,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 $\geq 7^\circ C$	