

Infrared Beam Sensor ABT-100F



ABT-100F

- Strong anti-interference ability
- 4 channel of frequency adjustment active infrared double beam
- Fully sealed design, rain-proof (fog), dust-proof (worm)
- With high levels of anti-RFI/EMI capability
- Professional anti-jamming optical housing
- Alert Distance: < 150m
- Induction Speed: 50-700ms
- Alarm Output: NC/NO
- Working Voltage: DC 12-24V; AC 11-18V
- Working Current: <100mA
- Tamper Output: NC; contact rating: AC/DC 24V/0.5mA
- Horizontal Angle Adjustment: $180^{\circ} \pm 90^{\circ}$
- Vertical Angle Adjustment: $\pm 10^{\circ}$

Outdoor Alert Distance	100m
Indoor Alert Distance	200m

Specifications

Detecting Method	Two infrared beams are interrupted at the same time
Interruption Time	50ms, 100ms, 300ms, 700ms (optional)
Beam Frequency	4 Channel
Working Voltage	AC/DC 12-24V
Working Current	90mA max
Alarm Period	3s, 1s (optional)
Alarm Output	Relay output 1C: Contact capacity: AC/DC 30V/0.5A max

Tamper Switch	NC, open when cover is removed
IP Grade	IP65
Working Temperature	-25° C ~ 55° C
Humidity	95% max
Alignment Angle	Horizontal 180° (±90°) ; Vertical 90° (±10°)
Dimension	171*82*80mm

Dimensions(mm)

