

# ABT-100

2 BEAM ACTIVE INFRARED PHOTOELECTRIC DETECTOR



Specifications	
Alert distance	100M (Out door) - 200M (In door)
Detection	2 beams blocked simultaneous
Optical source	Infrared LED
Response speed	50-700msec
Alarm output	Relay contact output: NO.NC Contact rating: AC/DC30V - 0.5A max
Power supply	DC10.5 - 24V / 65mA max
Tamper output	Contact output DC24V / 0.5A max
Temperature & Humidity	Temperature:-25°C ~ +55°C ; Humidity: RH.95% below
Optical axis adjustmen(H)	180° (±90°)
Optical axis adjustmen(V)	20° (±10°)
Sighting telescope	Built-in
Additional functions	Light indicates,OK indicator light,Testing terminal
Size	80mm x 170mm x 80mm

## OTHER INFORMATIONS

- Adopt two aspheric surface lens,optical gathered, powerful, concentric
- Adopt unique base design,easy to install
- Light resistance reaches 50.00lux, built-in automatic adjustment light filtering system. avoid the influence from strong light or car light
- Totally-sealed rainproof, dustproof,etc integration structure design make it work in the bad environment properly
- Built-in Optical sight and particular conversion circuit design, easy to adjustment
- The beams intercept data cycle is adjustable, it can help the beams to be more flexible and with stronger adaptability
- The receiver with LED signal indicator.( Calibration more accurate)
- Horizontal/vertical Optical angle is easy to adjust and calibrate
- Step precision fine-tuning, so that calibration is more accurate
- Photosensitive redundant reach up to 99%.
- Lightning prevention circuit design
- Use C model circuit failure output

## PRODUCT DETAILS



WIRING DIAGRAM

STRUCTURAL FIGURE