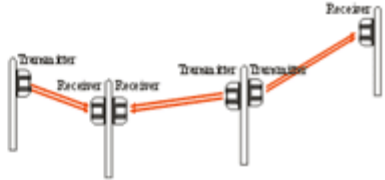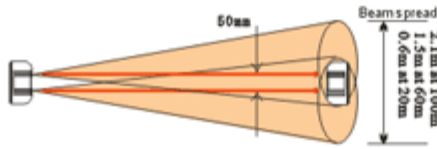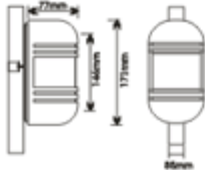## ABT Series 2 Beams Digital Active Infrared Detector

★ Resist to strong light, up to 50,000 Lux, with built-in automatic adjustment strong light filtering system, to avoid being affected by strong sunshine and the light of automobiles.

★ Unique optical design: photoelectric beam is able to penetrate through multi layers of glass with special environment distinguishing circuit(EDC).

★ Fully protected by integrated structural design, which allows the equipment to operate normally in severe conditions – rainproof, anti-fogging, resist to dust and insects.

★ Fresnel lens and aspherical lens are available for choices, in which Fresnel lens can emit a wider beam

★ Modules design facilitates the addition or stack of the detector

★ with high anti-RFI / EMI capability

★ The beam blocking time can be adjusted to make it more flexible and effective
★ Detection range: depending on different model (refer to the table below)

Model		ABT－20	ABT－30	ABT－40	ABT－60	ABT－80	ABT-100
Alert Distance	(Outdoor)	20 m	30 m	40 m	60 m	80 m	ABT-100
	(Indoor)	60 m	95 m	120 m	180 m	240 m	300m
Maximum arrival distance		200m	350m	450m	650m	900m	1100m
Number Of Beams	2 beams						
Detection Mode	2 beams blocked simultaneous						
Optical Source	Infrared digital pulse beam						
Response Time	50 ~ 700m sec, adjustable						
Alarm Output	Relay contact output: N.O. or N.C. Contact capacity: AC / DC 30V 0.5A max.						
Power Supply	DC13.8 ~ 24V 、 AC11-18V						
Power Consumption		40 mA max	40 mA max	55mA max	55 mA max	65 mA max	65 mA max

Range Of Operating Temperature	-25 ℃ ~ 55 ℃
Range of operating humidity	5%-95%RH (relevant humidity)
Physical appearance & dimensions	Refer to the diagram
Tamper Output	Contact output N.C. Contact capacity: AC, DC 24V 0.5AMax
Optical Axis Adjustment Angle (Horizontal)	180˚(± 90˚)
Optical Axis Adjustment Angle (Vertical)	20˚ (± 10˚)
Protection Against Frost, Dew	Heating style cover (optional)
Material	PC resin
Weight	2000g (each one receiver + transmitter)

"L" shape "T" shape "I" shape Bracket cover