



SHENZHEN ALEAN SECURITY EQUIPMENT CO.,LTD.

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**Leading Alarm
Manufacturer in China**

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Company Profile



Since its establishment in 1996, Shenzhen Alean Security Equipment Co., Ltd. has been a leading manufacturer in security field of China. Our product range includes IR perimeter barriers, smart home alarm systems, and burglar alarm products, etc.

These systems and products have been adopted to many huge factories, buildings and government projects throughout China. For the international market, we currently focus on reliable quality products and professional OEM service.

Alean has been constantly investing in R&D thus applying innovative technologies to our products, which meet the needs of security market. We also value our customers' comments, therefore we can continuously introduce unique products that reflect the latest market trends and requirements.

Alean is developing a solid distribution network, today we've 3 branches, over 30 agencies and hundreds of authorized distributors in China. Meanwhile it is expanding rapidly worldwide. High quality products and excellent services have won a superior reputation in the global market.



Perimeter

Infrared Beams



Features



NC/NO relay outputs and tamper function, compatible with other alarm systems like Honeywell, Bosch, Paradox, DSC, and GE, etc.



4-channel frequencies, avoiding cross-interference



2-bit digital display, showing the signal strength



Ip65 weather protection



Intelligently heating in cold condition



ABT Dual Beams



Parameters

Model	ABT-40	ABT-60	ABT-80	ABT-100
Detection Range Outdoor	40m	60m	80m	100m
Detection Range Indoor	120m	180m	240m	300m
Detection Method	Simultaneous interruption of 2 infrared beams			
Frequencies	4 different channels selectable			
Interruption Time	50ms, 100ms, 300ms, 700ms (selectable)			
Power Supply	DC/AC 12~24V			
Current Consumption	70mA max	75mA max	80mA max	85mA max
Alarm Period	≥1.5sec			
Alarm Output	1C. relay output (AC/DC30V, 1.0A max)			
Tamper Switch	NC, opens when cover removed			
Operating Temperature	-25°C to +55°C			
Environment Humidity	95% max			
Alignment Angle	Horizontal 180°(±90°), Vertical 20°(±10°)			
Mounting	Outdoor or indoor, Wall or Pole			
Protection Degree	IP65			
Material	PC engineering plastic			
Dimension (L*W*H)	212*80*75mm			
Weight (TX & RX)	1000g			

ABE Triple Beams



Parameters

Model	ABE-50	ABE-100	ABE-150	ABE-200	ABE-250
Detection Range Outdoor	50m	100m	150m	200m	250m
Detection Range Indoor	150m	300m	450m	600m	750m
Detection Method	Simultaneous interruption of 3 infrared beams				
Interruption Time	50ms,100ms,300ms,700ms (selectable)				
Beam Frequency	4 channel selectable				
Power Supply	DC12~24V; AC11~18V				
Current Consumption	110mA max				
Alarm Period	2s (±1)				
Alarm Output	1C relay output (AC/DC30V, 0.5A max)				
Tamper Switch	NC, opens when cover removed				
Operating Temperature	-25°C to +55°C				
Environment Humidity	95% max				
Alignment Angle	Horizontal 180°(±90°), Vertical 20°(±10°)				
Mounting	Wall or Pole				
Protection Degree	IP65				
Material	PC engineering plastic				
Dimensions (L*W*H)	92*90*291mm				
Weight (TX & RX)	1900g				

ABH Quad Beams



Parameters

Model	ABH-50L	ABH-100L	ABH-150L	ABH-200L	ABH-250L
Detection Range Outdoor	50m	100m	150m	200m	250m
Detection Range Indoor	150m	300m	450m	600m	750m
Detection Method	Simultaneous interruption of 4 infrared beams or a group of 2 infrared beams				
Interruption Time	50msec,100msec,300msec,700msec (corresponding to 20,21,22,23)				
Beam Frequency	4 channel selectable (corresponding to 10,11,12,13)				
Power Supply	DC12~24V; AC11~18V (12VDC recommendable)				
Current Consumption	70mA max	80mA max	90mA max	100mA max	110mA max
Alarm Period	2sec (±1)				
Alarm Output	1C. relay output (AC/DC30V, 0.5A max)				
Tamper Switch	NC, opens when cover removed				
Operating Temperature	-25°C to +55°C				
Environment Humidity	95% max				
Alignment Angle	Horizontal 180°(±90°), Vertical 20°(±10°)				
Mounting	Wall or Pole				
Protection Degree	IP65				
Material	PC engineering plastic				
Dimension (L*W*H)	100*105*395mm				
Weight (TX & RX)	2200g				

Perimeter

Infrared Barriers



Features

Digital Frequency Technology
Greatly reduces false alarm



Perfect Waterproof Performance
Adopting exclusive seal inner structure and double waterproof design

Main Board And Wiring Terminal Share One Pcb Board
Avoiding bad wire connection, after long term use



Advanced Free Synchronous Signal Line Technology
Makes us stand out among security industry

ABI

Infrared Barriers



Parameters

Model	ABI series
Detection Range	Outdoor 100m max, indoor 300m max
Height	48cm to 204cm
Beams Number	2 to 12 beams
Detection Method	Simultaneous interruption of 2 infrared beams
Beam Frequency	2 channel (A and B selectable)
Power Supply	DC11-18V
Current Consumption	90mA max
Alarm Period	40msec
Alarm Output	Switch output signal, NO/NC optional
Tamper Switch	NC, opens when cover removed
Operating Temperature	-25°C to +55°C
Humidity	95% max
Alignment Angle	Horizontal 180°(±90°), Vertical adjustable
Protection Degree	IP65
Material	PC engineering plastic, aluminum housing

ABL IR Towers



Parameters

Model	ABL series
Detection Range	Outdoor 100m max, indoor 300m max
Height (without lamp)	85cm to 185cm
Beams Number	4/6/8/10 beams
Detection Method	Simultaneous interruption of 2 infrared beams
Beam Frequency	2 channel (A and B selectable)
Power Supply	DC11-18V
Current Consumption	90mA max
Alarm Period	40msec
Alarm Output	Switch output signal, NO/NC optional
Tamper Switch	NC, opens when cover removed
Operating Temperature	-25°C to +55°C
Humidity	95% max
Alignment Angle	Horizontal 180°(±90°), Vertical adjustable
Protection Degree	IP65
Material	PC engineering plastic, aluminum housing



Application For Infrared Barriers



Application For IR Towers

WiFi Alarm System



Features

- 1.97 wireless zones, each zone has 8 kinds of zone types to choose from, and each zone can separately switch on/off siren
- 2.2 wired zone, open or closed-circuit alarm options.
3. APP to set up by IOS / Android operating system.
4. 6 groups of timing arm and disarm function
5. 1 alarm linkage wireless relay, 1 wireless sound and light siren.
6. It can code 7 remote control and 97 detectors (1527IC)
7. Unique black box function, can display the latest 99 arm and disarm records and 99 recent alarm records.

Parameter:

Input voltage: DC5V

Standby current: <50mA

Alarm current: <450mA

Wireless frequency: 433MHz

Backup battery: 3.7V 1400mA large capacity lithium battery

Siren volume: 80dB

Accessories parameters: The alarm can be compatible with EV1527 encoding detector.

When using EV1527 encoding, the oscillation resistance is recommended to use 220K.

Smart GSM Alarm System



Features

1. Using Quad Band GSM (850/900/1800/1900MHz) / GPRS module.
2. With GPRS networking, it can upload to the network alarm management; also through the network alarm management software, remotely arm and disarm.
- 3.97 wireless zones, each zone has 8 kinds of zone types to choose from, and each zone can separately switch on/off siren
- 4.2 wired zone, open or closed-circuit alarm options.
5. 6 groups of timing arm and disarm function
6. 1 alarm linkage wireless relay, 1 wireless sound and light siren.
7. It can code 7 remote control and 97 detectors (1527IC)
8. Unique black box function, can display the latest 99 arm and disarm records and 99 recent alarm records.

Parameter:

Input voltage: DC5V

Standby current: <50mA

Alarm current: <450mA

Wireless frequency: 433MHz

Backup battery: 3.7V 1400mA large capacity lithium battery

Siren volume: 80dB

Accessories parameters: The alarm can be compatible with EV1527 encoding detector.

When using EV1527 encoding, the oscillation resistance is recommended to use 220K.

GSM+WiFi Alarm System



Features

1. APP to set up by IOS / Android operating system.
2. Using Quad Band GSM (850/900/1800/1900MHz) / GPRS module.
3. With GPRS networking, it can upload to the network alarm management; also through the network alarm management software, remotely arm and disarm.
4. 97 wireless zones, each zone has 8 kinds of zone types to choose from, and each zone can separately switch on/off siren
5. 2 wired zone, open or closed-circuit alarm options.
6. 6 groups of timing arm and disarm function
7. 1 alarm linkage wireless relay, 1 wireless sound and light siren.
8. It can code 7 remote control and 97 detectors (1527IC)
9. Unique black box function, can display the latest 99 arm and disarm records and 99 recent alarm records.

Parameter:

Input voltage: DC5V

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Alarm current: <450mA

Wireless frequency: 433MHz

Backup battery: 3.7V 1400mA large capacity lithium battery

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When using EV1527 encoding, the oscillation resistance is recommended to use 220K.

Digital passive infrared detector

EAP-100XT

- Low-power 8-bit microprocessor
- Automatic temperature compensation technology
- 5 layers special FRESNEL lens, precise focusing
- LED ON/OFF, pulse counting selectable
- Alarm output: NC/NO optional, suitable for different alarm control panels
- SMT craft, super anti-EMI and RFI
- Detecting distance: 12m
- Detecting angle: 110°
- Working voltage: DC9-16V



Mini curtain infrared detector

EAP-200T

- Compact and beautiful
- Special curtain lens
- Automatic temperature compensation
- Tamper cover, LED ON/OFF selectable
- Anti-white light interference
- Using SMT technology, anti-EMI and RFI
- Detecting angle: 15°
- Detecting distance: 6m
- Working voltage: DC9-16V



Digital curtain infrared detector

EAP-200XT

- Wiring without opening the cover, more convenient for installation
- Digital temperature compensation
- Anti-white light up to 6500LUX
- SMT craft, anti-EMI and RFI
- Constant detecting distance under 32°C
- Artificial intelligence technology, smart threshold technology
- Alarm output: NC / NO selectable
- Detecting distance: 6m, detecting angle: 15°
- Working voltage: DC9-16V



Digital three-tech infrared detector

EAP-300T

- Anti-pet level: 25KGS
- And & Or function optional, digital temperature compensation
- Super anti-EMI, RFI
- Doppler (effect) + energy analysis
- X-Band microwave adopted
- Adjustable microwave detection range
- Detecting distance: 12m, detecting angle: 110°
- Operating voltage: DC9-16V



Digital three-tech infrared detector

EAP-300XT

- Anti-pet 35KGS, PIR and & MW dual protection
- And & or function optional, digital temperature compensation
- Alarm output: NC / NO optional, adapt to different alarm control panels
- Highly anti-EMI
- Doppler (effect) + energy analysis
- X-Band microwave adopted
- Adjustable microwave detection range
- Detecting distance: 12m, detecting angle: 110°
- Working: DC9-16V



Outdoor infrared curtain / wide-angle detector

EAP-402I (15°) / EAP-402D (110°)

- Unique three-dimensional composite three-sensor detector
- ASIC fuzzy logic digital analysis
- Hyperbolic precision temperature compensation technology
- Holographic anti-false alarm (for outdoor use)
- Mounting height: 2.2m
- Detecting range: 12m (402I: 8m, 402D:12m)
- Anti-pet level: 35KGS
- Working voltage: DC 9-16V



Intelligent passive infrared ceiling detector

EAP-12C

- Dual infrared + intelligent digital analysis
- Pet immunity (small animals weighing up to 11KGS)
- High density SMT craft
- Environmental testing mode
- LED ON / OFF selectable
- Detecting range: diameter of 8m(mounting height of 3.6m)
- Detecting angle:360°
- Working voltage: DC9-16V



Combustible gas detector

JA-5188

- Single chip design technology
- Using most advanced small current imported gas sensitive element
- Stable working and simple installation
- Timely detect leaking gas, accurately send out sound and light alarm signals
- Suitable for homes, hotels, apartments and other places where there exists combustible gas
- Executive standard: GB15322-2033
- Working voltage: DC9-24V



Ceiling net-working combustible gas detector

JA-5188D

- High reliability sensor
- Automatic reset
- Microprocessor control
- Automatic self-test malfunction indication function
- Detect natural gas, liquefied petroleum gas
- Implementation of the standards: EN50194 / UL1484
- Working voltage: DC9-24V
- Working temperature: -10°C to 50°C
- Ambient humidity: 5% to 95% RH
- Dimension: Ø104*51mm



Wired net-working smoke detector

JA-5198A

- Manual testing, automatic reset
- Photoelectric sensor, sound and light alarm
- Alarm output: NC / NO optional
- High?environmental adaptability
- Resistance to dust and pest, anti-white light interference
- Implementation of the standards: EN54-7 / UL268
- Working voltage: DC9-16V
- Working modes: four-wire networking type
- Working temperature: -10°C to 50°C
- Dimension: Ø100*50mm



Temperature sensing detector

PS-830

- Beautiful and simple appearance design
- Dust-proof function, effectively prevent false alarm
- Using SMT technology, anti-EMI, RFI
- High precision temperature sensor
- Power failure alarm, reset function
- Ceiling installation
- Working voltage: DC9-35V
- Working temperature: -10°C to 85°C
- Alarm temperature: 57°C



Glass break detector

XP-456

- Using microprocessor
- Unique test mode
- Special acoustic microphone chamber and casing design
- Alarm lock mode, two-color LED display, SMT craft
- High/low sensitivity optional, super anti-EMI, RFI
- ABS fire resistant plastic
- Alarm output: NC
- Detection distance: high sensitivity 9m; low sensitivity 5m
- Working voltage: DC12V



Alarm Accessories



Sound and light siren

Model	AL-103
Lampshades color	Red and blue optional
Voltage	12VDC
Current	300mA max
Sound pressure	108dB
Tone frequency	3.8KHz



Wireless solar siren

Model	EN-520
Output	5V 150mA
Frequency	315Mhz/433Mhz
Alarm current	170mA
Wireless distance	100m
Power supply	Rechargeable battery 3.7V/400mA



Sound and light siren

Model	AL-629J
Lampshades color	Red and blue optional
Voltage	12VDC
Current	1200mA
Sound pressure	110dB
Tone frequency	3.8KHz



Sound and light siren

Model	AL-631
Lampshades color	Red and blue optional
Voltage	13.8-14.2VDC
Current	250mA
Sound pressure	120dB
Tone frequency	1300-2400Hz



Stainless mounting bracket

ALF-30T (for ABT series of "T" shaped bracket)
ALF-30L (for ABT series "L" shaped bracket)
ALF-50T (for ABE, ABH series "T" shaped bracket)
ALF-50L (for ABE, ABH series "L" shaped bracket)



AN-6Z multi-function infrared barrier bracket

Stainless steel material, long life span;
Adjustable length and angle, flexible
Notes: one set of infrared barrier matches two set of infrared barrier bracket

Alarm Accessories



Surface mount door sensor



Embedded door contact sensor

Model	AL-03	HO-03L
Material	ABS fireproof housing	ABS fireproof housing
Voltage	12VDC	12VDC
Current	500mA	500mA
Output signal	NC	NC
Open spacing	≥17, ≤25	≥42, ≤58



Iron gate magnetic



Rolling gates magnetic

Model	AL-03F	AL-03I
Material	Metal shell plating	Metal shell plating
Voltage	12VDC	12VDC
Current	500mA	500mA
Output signal	NC	NC
Open spacing	≥25	≥50, ≤90



Emergency button



Emergency button

Model	AL-01A	AL-01D
Material	ABS fireproof housing	ABS fireproof housing
Voltage (VDC)	12VDC	12VDC
Current (mA)	300mA max	300mA max
Output signal	NC/NO	NC/NO

Alean in the world



China (Headquarters)



Japan



Malaysia



India



Saudi Arabia



United States



Mexico



Brazil



Argentina



Uruguay



Australia



France



Italy



Lithuania



Poland



Greece



Russia



Turkey



South Africa



Ghana



Egypt



Hungary



Namibia