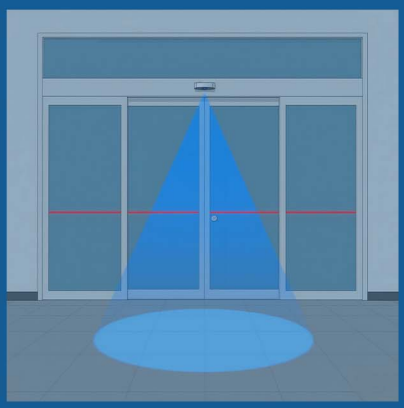
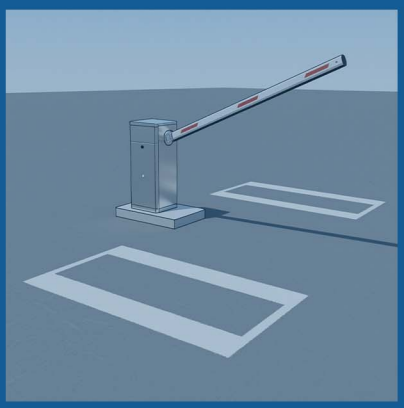
GIANTS





AUTOMATIC ACCESS SENSOR

Giants Sensor Technology

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Giants Sensor Technology

Certifications & Patents

Our company complies with the standards of quality Management System GB/T 19001-2016/ISO 9001:2015, GJB 9001C-2017, SGS-CSTC certification. Our products have obtained certifications such as CE and ROHS. Meet the requirements of EN16005, EN61000, EN60825, EN61000, EN 55014, IEC62321, etc. We have obtained multiple patents including utility model patents, design patents and copyright patents.

Giants Sensor Technology

ABOUT US

Shenzhen Giants Sensor Technology Co., Ltd. is a manufacturer dedicated to the research and development and production of smart access sensors. By leveraging advanced sensing technologies such as microwave, radio frequency, infrared, and laser, it offers professional sensor supply, engineering design, and technical services. Starting from actual needs, it provides customers with one-stop solutions. We have always adhered to the market-oriented approach and quality as the foundation, strictly managing every link including the market, research and development, manufacturing, testing and after-sales service, providing high-quality and competitive products to repay our customers, employees and society. Our company has a 3,500-square-meter standardized dust-free workshop. Throughout the entire production process, 100% quality inspection is carried out, and IPQC personnel are assigned for patrol inspections. Emphasis is placed on the investment in production and testing equipment. Currently, 85% of production has been automated.

Giants Sensor Technology

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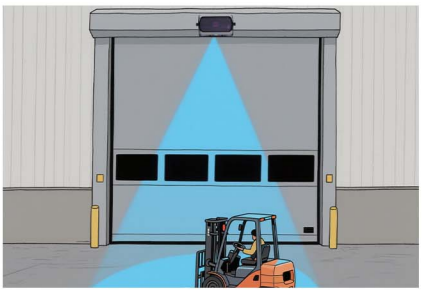
Pedestrian-Vehicle Separation Radar Pluto

Key Features

Dual-channel output,independent detection for pedestrians & vehicles/Motion direction recognition/Lateral movement filtering/Height adjustment: 2.5m–9m/Low-temperature operation,suitable for cold storage/9-level detection zone adjustment via mobile app

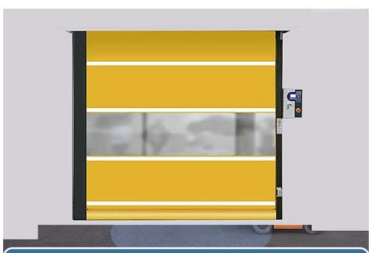
Pedestrian-Vehicle Separation Detection



Cross Traffic Masking

Applications

Industrial Door



High-Speed Door

Cold Storage Door

Technical Parameters

Technology	Doppler radar	**Temp. Range**	-30°C to +60°C

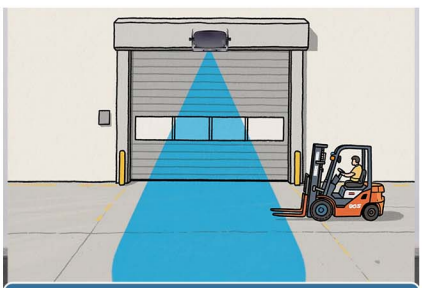
Giants Sensor Technology

Pedestrian-Vehicle Separation Radar Batman

Key Features

Pedestrian-Vehicle Separation Detection/Replaces Ground sensors (no underground wiring required) /Motion direction recognition/Lateral movement filtering/Adjustable detection zone size/Unaffected by rain and snow/Parameter configuration via mobile app

Pedestrian-Vehicle Separation detection



Cross Traffic Masking

Applications

Garage Door

Industrial Door

High-Speed Door

Technical Parameters

Technology	Doppler Radar	**Temp. Range**	-20°C to +60°C

Giants Sensor Technology

Industrial Motion Radar Pano

Key Features

Next-Generation Industrial Microwave Motion Sensor/Detection Height Up To 10 Meters/Coverage Area Exceeding 100 Square Meters/Metal Casing + Tempered Glass/IP65 Protection Rating/Direction Recognition/Signal Retention Time: 1-30 Seconds/Parameter Configuration Via Mobile App

Application Fields

Industrial Door

Industrial Warning

Security Surveillance

Technical Parameters

Technology	Doppler Radar	**Temperature Range**	-30°C to +60°C
Emission Frequency	24.125GHz	**Relative Humidity**	0% to 95%, non-condensing
Emission Power	<20dBm	**Operating Voltage**	12-36V AC/DC
Detection Height	Standard: 2m-6m; X: 10m	**Operating Current**	Max. 75mA

Giants Sensor Technology

Microwave Motion Sensor

Orca/Leo

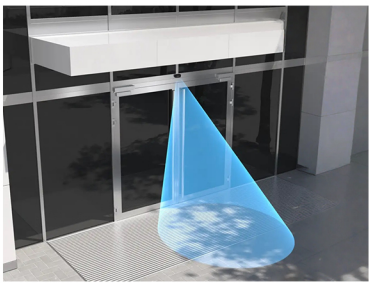
Key Features

Direction Recognition / Detection Height Over 5 Meters / Easy Installation / Large Detection Area / Adjustable Sensitivity

Application Fields

Industrial Door

Advertising Door



Automatic Door

Technical Parameters

Technology	Doppler Radar	**Maximum Installation Height**	5m
Emission Frequency	24.125GHz	**Angle**	0° To 90° (Vertical) -30° To +30° (Horizontal)
Emission Power	<20dBm EIRP	**Detection Range**	(Installation Height @4m) 4m (W.) X5m (D.)
Detection Height	Motion	**Power Supply Voltage**	12V To 30V AC/DC 30%-10%

Giants Sensor Technology

Laser Safety Sensor LS90

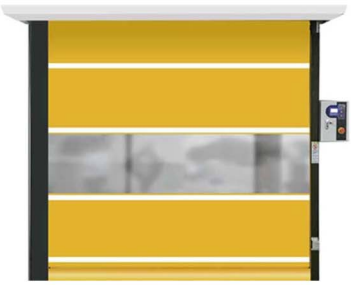
Key Features

Replace Pull Cord Switch / Virtual Switch Function / Stationary Detection At Entrance / 10m Range / 1cm Accuracy / Parameter Configuration Via Mobile App / Visible Light Spot For Positioning / IP65 Metal Housing

Application Fields

Industrial Door

Garage Door



High-Speed Door

Technical Parameters

Measurement Range	0-10m @90% Reflectivity 0-2.5m @10% Reflectivity	**Field Of View**	2°
Accuracy	±6cm @(0.2m~3m)±2% @(3m~10m)	**Power Supply Voltage**	12-36V AC/DC
Distance Resolution	1cm	**Average Current**	<70mA
Frame Rate	1-250Hz (Adjustable)	**Power Consumption**	<0.35W

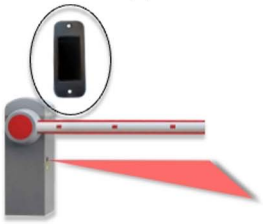
Giants Sensor Technology

Industrial Door Laser Safety Light Curtain

LCS401

Key Features

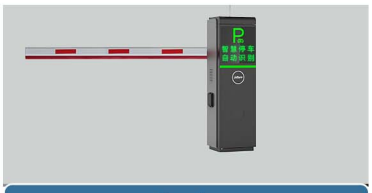
Industrial Door Safety Detection Light Curtain / Barrier Anti-Collision Detection Light Curtain / 1:4 Aspect Ratio / 10m Range With 1cm Accuracy / Parameter Configuration Via Mobile App / Visible Light Spot For Positioning / IP65 Protection



Application Fields

Industrial Door

Garage Door



Barrier

Technical Parameters

Measurement Range	≥2m @10% Reflectivity, 100Klux	**Power Supply Voltage**	12-36V AC/DC
Accuracy	±5cm	**Average Current**	≤70mA
Distance Resolution	1cm	**Power Consumption**	≤0.35W
Operating Temperature	-30°C~60°C	**Peak Current**	150mA

Giants Sensor Technology

Wireless Pressure Wave/Safety Edge Switch

WSD

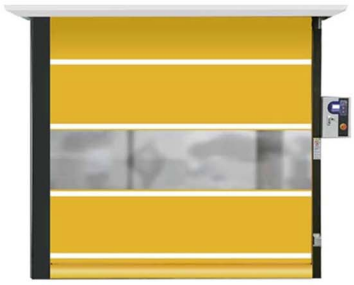
Key Features

Pressure Wave/Safety Edge Dual-Function Switch / Low Battery Alert / Fault Alarm Long Battery Life / No-Disassembly Pairing

Application Fields

Industrial Door

Garage Door



High-Speed Door

Technical Parameters

PRODUCT DIMENSIONS	135mm*40mm*32mm (2PCS)
TRANSMISSION FREQUENCY	433MHz
OPERATING VOLTAGE	24V DC
BATTERY TYPE	2×CR2032

Giants Sensor Technology

Photoelectric Switch GN18/GN50

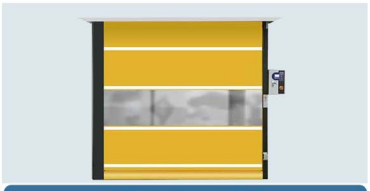
Key Features

Penetrates rain/fog,Suitable for cold storage environments /Sunlight-resistant/Unaffected by black surfaces or mirror reflections/Compact design,Easy installation/Wide temperature tolerance:-40°C ~+70°C/Protection rating: IP67

Application Fields

Industrial Door

Cold Storage Door


High-Speed Door

Technical Parameters

Detection Distance	20m-GN18/50m-GN58	**Repeat Accuracy**	10%
Light Source	940nm Infrared Light	**Output Indicator**	Emitter: Green Power Indicator;
Operating Voltage	10~30V DC		Receiver: Red Signal Indicator
Power Consumption	Emitter 300A / Receiver 15 mA	**Protection Function**	Short-Circuit Protection, Reverse Polarity Protection

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Industrial Door Light Curtain

GSL

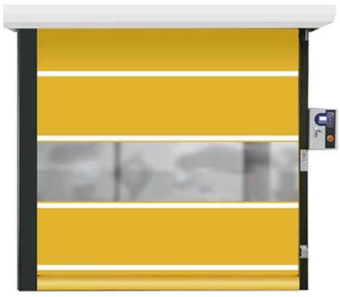
Key Features

Multiple Height Options/10m Sensing Range/59mm Beam Spacing/Optional Blanking Function (Sunlight Interference Resistance)/IP54 Protection (IP67 Customizable For T-profile)

Applications

Industrial Door

Garage Door



High-Speed Door

Technical Specifications	520MM	1000MM	1500MM	1800MM	2000MM
IR Pairs	8	16	24	29	32
Response Time	45ms	60ms	60ms	60ms	60ms
Beam Count	8	16	24	29	32
Beam Spacing	59mm	59mm	59mm	59mm	59mm
Lowest Beam	≤35mm	≤35mm	≤35mm	≤35mm	⩽35mm
Highest Beam	≥420mm	≥900mm	≥1380mm	≥1670mm	⩾1850mm
Blanking Func.	-	-	S/T-Type	S/T-Type	S/T-Type
Power Consumption	4W	4W	4W	4W	4W

Reliability

Certifications

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Radio Frequency Vehicle Detector

GN-RF

Key Features

Long-Range Reading: 0–35m/Dual-Protocol Support: 6B/6C /Low-Power Design: Typical 12W /Wide Voltage Range: DC 9V–16V/Batch Tag Reading: Group Read Capability/Adjustable Output Power: 1–33dBm/SDK Support: DLL For Secondary Development/Cloud Server Integration: Supports Internet Data Upload /IP65 Waterproof/Dustproof: Suitable For Outdoor Use/-Multi-Frequency Compliance: US/EU/China Standards/13 Card-Leading Modes: Configurable

Applications

Industrial Door

Personnel Access Control Management

Intelligent Parking Management

Technical Parameters

Protocol Support	ISO 18000-6C (EPC C1G2) / ISO 18000-6B
Frequency Range	902–928MHz (US), 865–868MHz (EU/CN), Customizable
Output Power	1–32dBm (R2000: 1–33dBm, default 30dBm, Software-Adjustable)
Read Distance	0–10m,R2000: 0–15m(Tag/Environment-Dependent)
Write Distance	0–50cm (Tag/Environment-Dependent)
Identification Speed	>30 tags/sec ;R2000: >200 tags/sec (Tag/Environment-Dependent)
RS232 Interface	Baud Rate Options: 115200bps (Default), : 9600bps,19200bps,38400bps,
RS485 Interface	56000bps
I/O Interface	2 Relay Outputs, 2 Opto-Isolated Inputs
Ethernet Interface	10M/100M Adaptive (TcpServer/TcpClient Switchable, Cross-Network Transmission)
Wiegand Interface	Supports Wiegand 26/34 Standards
Power Interface	DC 5.5×2.5mm jack + 3.5mm Terminal
PoE Support	37–57VDC, IEEE 802.3af/at Compliant (Optional)
Operating Voltage	Standard: DC 9–24V; PoE: DC 37–57V
Power Consumption	12W(Max.)

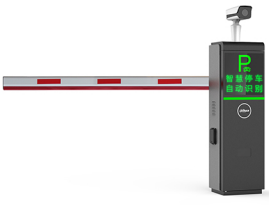
Giants Sensor Technology

Barrier Gate Radar
MW60S

Key Features

High Precision:Accurately distinguishes pedestrians/vehicles to prevent collisions/Wide Compatibility: Works with straight,barrier-articulated,advertisement,boom gate/Easy Installation:No ground cutting required | Low maintenance/Strong Anti-Interference:Resists glare, rain, snow, and fog/Robust Design:IP67 protection rating /Smart Control:Intuitive parameter configuration via mobile app

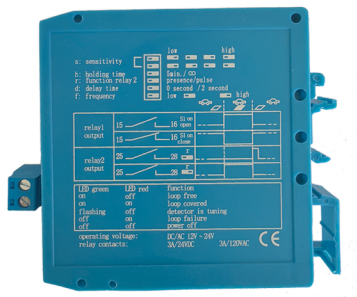
Applications



Technical Parameters

Housing	ABS	**Mounting**	2 x M4*8 Fixing screws
Dimensions (w x h x d)	56 x70x21mm	**Mounting height**	0.5-0.9 m,recommended 0.6 m
Weight	100 g		directly on the barrier housing
Port	4-pin/8-pin connection	**Signal outputs**	solid state relays (galvanically
	cable 0.15 mm², 1m		isolated,common)
Protection class	IP67	**Firmware Upgrade**	Bluetooth Communication upgrade
Power supply	9-30 VDC	**Switching voltage**	max.30 V AC/DC
Power consumption	max.1 W	**Switching current**	max.100 mA
Temperature range	-40° C to 85° C	**Operating status**	
Frequency range	60-64 GHZ	**display**	3LEDs:red/green/blue

Giants Sensor Technology

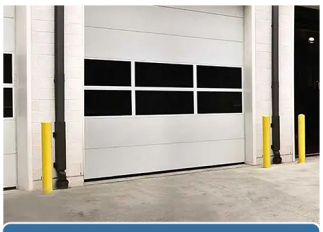


Inductive Vehicle Detector LPD

Key Features

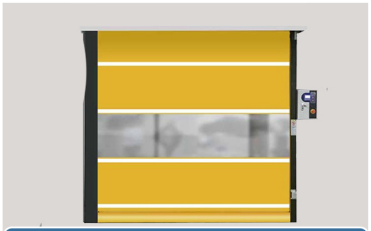
Reliable Vehicle Detection And Relay Output/Widely Used For Parking Lot Card Reading, Barrier Anti-Collision, Automatic Barrier Lowering, Vehicle-Triggered Door Opening or Closing/Compact Plastic Housing With Built-In Terminal Block For Secure Connections/Industrial-Grade Design With High Reliability And Environmental Adaptability/Built-In Microprocessor Chip /Electrically Isolated Loop Circuit For Enhanced Reliability/Automatic Sensitivity Calibration/Environmental Drift Compensation/Loop Status LED Indicator/Dual Relay Output With Three Configurable Modes/Four-Level Adjustable Sensitivity/Four-Level Adjustable Operating Frequency/Five-Minute Auto-Reset Function/Configurable Output Delay (0s Or 2s)

Application Fields



Industrial Door

Barrier Gate



High-Speed Door

Technical Parameters

Operating Voltage	AC/DC 12~24V	**Loop Cable Requirement**	Max 5m, 20 Twists Per Meter
Operating Temperature	-25℃~65℃	**Sensitivity Adjustment**	4 Levels
Operating Humidity	≤90% (Non-Condensing)	**Relay Specifications**	AC120V 3A
Operating Frequency	20~130KHz		
Recommended Loop Inductance	100uH~300uH		
Recommended Loop Size	Minimum 1*2m		

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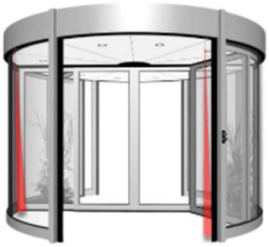
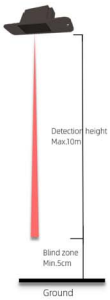
Revolving door Laser Safety Sensor

Smart Spot

Key Features

Maximum Detection Height: 10m /Minimum Ground Blind Zone: 5cm /Distance Accuracy:1cm/Works With or Without Background/Stable Detection Distance (No Drift)/Visible Alignment Dots For Positioning/Parameter Configuration Via Mobile App (Tool-Free)





Application Fields

Clean Room

Revolving Door

Medical Door

Technical Parameters

Measuring Range	0-10m (@90% Reflectivity) 0-2.5m (@10% Reflectivity)	**Power Supply**	12-36V AC/DC
Accuracy	±6cm (0.2m-3m) ±2% (3m-10m)	**Average Current**	≤70mA
Distance Resolution	1cm	**Power Consumption**	≤0.35W
Operating Temperature	-30℃~60℃	**Peak Current**	150mA

Giants Sensor Technology

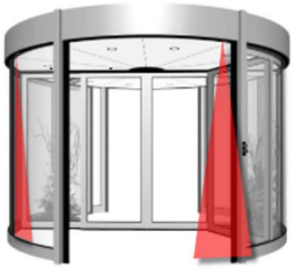
Revolving Door Laser Light Curtain

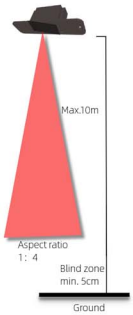
RCS401

Mounting height	Curtain width
2m	50cm
3m	75cm
3.5m	87.5cm
4m	100cm

Key Features

2D Laser Light Curtain /10 Meters in Height/Minimum Ground Blind Spot 5cm/ Accuracy 1cm/ Width-To-Height Ratio 1:4 / Can Be used With or Without Background/Detection Distance Does Not Drift/Visible Light Spot Auxiliary Positioning Mobile APP Set Pa-Rameters, No Need To Open The Cover





APPLICATION FIELDS

Clean Room

Revolving Door

Medical Door

Technical Parameters

Measuring Range	≥2m @10%reflectivity□100Klux	**Power Supply**	12-36V AC/DC
Accuracy	±5cm	**Average Current**	≤70mA
Distance Resolution	1cm	**Power Consumption**	≤0.35W
Operating Temperature	-30□~60□	**Peak Current**	150mA

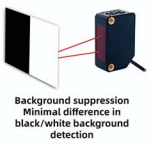
Giants Sensor Technology

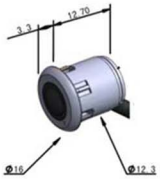
Optoelectronic Switch

Key Features

GN20: Adjustable Detection Distance From 5 To 350mm/Not Easily Affected By The Color Of The Detected Object, With Little Difference In Detecting Black And White Objects/Can Effectively Shield The Background/Visible Red Light Source, Easy To Install And Debug, Strong Anti-Interference Ability, Suitable For Complex Environments

GN12: Compact In Size, With A 45° Cable Outlet For Easy Installation/Strong Resistance To sunlight Interference/Large Spot Size For Alignment/Protection Rating IP67





Application Fields

Clean Room

Revolving Room

Automatic Door

GN12		GN20	
Emitter Model	GN12TE	**Model**	GN20D(2)-2BPD350PNP
PNP Normally Open (N.O)	GN12TPA		GN20D(2)-2BND350NPN
PNP Normally Closed (N.C)	GN12TPB	**Detection Range**	5~350mm *1
NPN Normally Open (N.O)	GN12TNA	**Minimum Detection Distance**	5~30mm *1
NPN Normally Closed (N.C)	GN12TNB	**Maximum Detection Distance**	5~350mm *1
Detection Range	10m	**Adjustable Detection Range**	30~350mm *1
Light Source	Infrared 850nm	**Black/White Contrast** (6%~90%)	<18% @350mm
Operating Voltage	DC 10-30V	**Distance Adjustment**	5-turn Knob
Current Consumption	Emitter≤20mA, Receiver≤15mA	**Light Source**	Red LED
Operating Current	<100mA	**Spot Diameter**	About 20mm @350mm
Response Time	<10ms	**Divergence Angle**	About 4°
Power-on Delay	-200ms	**Operating Voltage**	10-30VDC
Repeat Accuracy	10%	**No-load Current**	<20mA

Giants Sensor Technology

Microwave Motion Sensor
EZWAVE

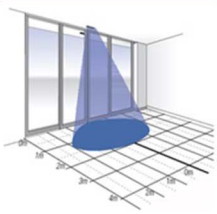
Key Features

One-Way Detection, Energy-Saving/Not Affected By Rain Or Snow Weather/Maximum Installation Height Of 5 Meters, Suitable For Most Automatic Doors/Adjustable From 0 To 90° Up And Down, And From -30° To +30° Left And Right/Simple Structure, Sasy To Wire/The Most Cost-Effective Automatic Door Opening Sensor

Application Fields

High Speed Door

Revolving Door



Automatic Door

Technical Parameters

Technology	Microwave Doppler Radar
Transmit Frequency	24.150 GHz
Transmit Power	< 20 dBm EIRP
Power Density	<5 mW/cm²
Detection Mode	Motion
Minimum Detection Speed	5 cm/s (axial)
Power Supply Voltage	12V-24VAC ±10%; 12V-24VDC +30%/-10%
Power Frequency	50-60 Hz
Maximum Power Consumption	<2W
Output	Relay (Dry Contact)
Maximum Contact Voltage	42 VAC/DC
Maximum Contact Current	1A (resistive)

Giants Sensor Technology

Touchless Switches
UTO/UTL

Key Features

Electroplated Panel / 100-Meter Receiving Distance/Adjustable Sensitivity/Simple Structure, Easy To Wire/Low Power Consumption Design

Application Fields

Clean Room

Medical Door

Automatic Door

Emitter		Receiver	
Operating Frequency	433MHz	**Power upply**	AC/DC12-30V
Power Supply	AC/DC12-30V (for wired) / 2xAAA (press switches) / 2xCR2032 (touch/-sensor switches)	**relay contact capacity**	1A 24VDC
Battery Life	300 days (500 presses/day with premium batteries)	**appearance size**	145mm(L)x30mm(W)x20mm(H)
Transmission Distance	>100m line-of-sight (433MHz)	**static current**	15mA
Operating Temperature	-20°C ~45°C		
Operating Humidity	10-90%RH		

Giants Sensor Technology

Vehicle Detection Sensor
ASTRO

Key Features

Human-Vehicle Separation Detection/Preset Height Mode For Convenient Debugging/Motion Direction Recognition - Lateral Motion Shielding/Height 2.5m-7m/ Parameters Set Via Mobile APP

Application Fields

Industrial Warning

Industrial Door

Intelligent Control

Technical Parameters

Technology	Doppler radar	**Temp. Range**	-30°C to +60°C
Frequency	24.125GHz	**Relative Humidity**	0%–95% (non-condensing)
Power	<20dBm	**Voltage**	12-36VACDC
Detection Height	2.5m~7.0m	**Current**	Max. 75mA
adjustable Range	0°~ 180 vertical	**Protection Grade**	IP65
Speed Range	5cm/s~25km/h	**Relay Output**	48V AC/DC max, 1A max
Detection Zone	3.0m*3.5m (2.5m height) 5m*6m (7m height)	**Dimensions**	78mm x 58mm x 73mm

Giants Sensor Technology

Motion Detection Sensor

MINIPANO

Key Features

Motion detection sensor /Coverage area: 50+ sqm/IP65 protection rating/Direction recognition/Signal hold time: 1-30s adjustable/Parameter configuration via mobile app

Applications

Security Surveillance

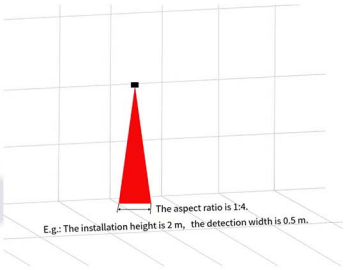
Industrial Warning System

Industrial Door

Transmitter		Receiver	
Technology	Doppler Radar	**Detection Zone**	8m×6m (@6m height)
Frequency	24.125GHZ	**Temperature Range**	30°C to +60°C
Power	20dBm	**Relative Humidity**	0%–95% (non-condensing)
Detection Height	Standard:2m-6m	**Voltage Input**	12–36V AC/DC
adjustable Range	0°~90°vertical	**Current**	Max. 75mA
Speed Range	5cm/s ~ 25km/h	**Material**	ABS
Protection Rating	IP65	**Relay Output**	48V AC/DC max, 0.1A max
Dimensions	57mm x 32mm x 45mm	**Cable Length**	3m
Weight	200g		

Giants Sensor Technology

Laser Safety Light Curtain TCS401



Key Features

Object or human detection /10m range/1cm precision/Triangular light curtain (1:4 width-to-height ratio) /Mobile app for parameter configuration/Visible light dots for alignment assistance/IP65 protection rating

Applications

Industrial Safety

Industrial Safety

Technical Parameters

Measuring Range	0-10m @90%reflectivity 0-2.5m @10%reflectivity	**Accuracy**	±6cm @(0.2m~3m) ±2% @(3m-10m)
Field of View	14°X1°	**Voltage Supply**	12-36V AC/DC
Distance Resolution	1cm	**Avg. Current**	≤70mA
Frame Rate	1-250HZ(adjustable)	**Power Consumption**	≤0.35W
Ambient Light Immunity	100Klux	**Peak Current**	150mA
Operating Temp.	-30°C to +60°C	**Output**	Dry Contact 48V AC/DC, 100mA
Protection Rating	IP65	**Dimensions**	53mm x 47mm x 57mm
Light Source	VCSEL Laser	**Housing Material**	ABS

Giants Sensor Technology

Safety Alarm Photoelectric Beam Sensor GN58-200

Key Features

Penetrates Rain,Fog and Resists Sunlight Interference /Unaffected by Black Backgrounds or Mirror Reflections /Compact Size for Easy Installation/Withstands Extreme Temperatures (-40°C to +70°C) /IP67 Protection Rating

Application Fields

Large-Space Protection

Industrial Warning

Technical Parameters

Detection Distance	200m	**Repeat Accuracy**	10%
Light Source	940nm Infrared Light	**Output Indicator**	Emitter: Green Power Indicator; Receiver: Red Signal Indicator
Operating Voltage	10~30V DC	**Protection Function**	Short-Circuit Protection, Reverse Polarity Protection
Power Consumption	Emitter 30mA/Receiver 15 mA	**Operating Temperature**	-40~+70°C
Operating Current	≤100mA	**Protection Rating**	IP67
Response Time	≤20ms	**Material**	Housing: ABS; Lens: PC
Power-On Delay	200ms	**Wiring Method**	2m Cable/Connector Type

Giants Sensor Technology

Projection Light

Key Features

High-Brightness Integrated LED Beads/Full Aluminum Alloy Body /Dual-Mode Lens For Clear Imaging/Dust-Proof Mechanical Structure/Silent Thermal Air-Cooling System/Customizable Patterns

Application Fields

Safety Warning

Industrial Safety Guarding

Safety Warning

Technical Parameters

Detection Distance	2-100m	**Light Source**	10000K
Light Source	OSRAM	**Color Temperature**	400-7500K
Operating Voltage	12-24V DC, 110V-220V AC	**Housing**	Aluminum Alloy
Power Consumption	15W-1000W	**Lens**	Industrial-Grade High-Precision Imaging Lens
Operating Temperature	-40~+70°C	**Pattern**	Customizable
Protection Rating	IP54/IP65		

Giants Sensor Technology

Alarm Light

Key Features

Waterproof And Dustproof/High-Brightness Strobe LED Beads/Reflective Light Cover /Optional Buzzer With Multiple Colors (Red/Yellow/Green/Blue/White)

Application Fields

Engineering Workshops And Security Warning

Industrial Safety

Technical Parameters

Operating Voltage	12-24V DC, 110V-220V AC
Power Consumption	3W
Operating Temperature	-40~+70°C
Protection Rating	IP54/IP65
Housing	ABS
Buzzer	85dB
Colors	Red/Yellow/Blue/Green/White

Giants Sensor Technology

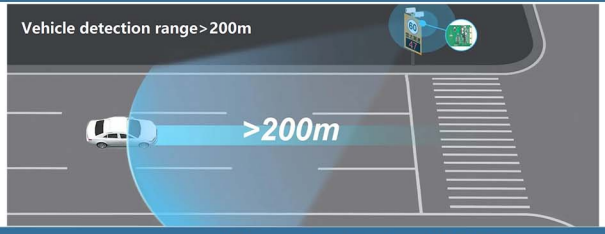
Speed Measuring Radar

GN200C

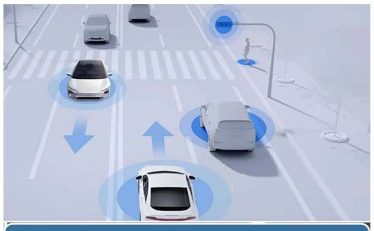
Key Features

Vehicle Detection Distance Exceeds 200 Meters/Multi-Interface Design Meets Various Application Requirements/Narrow-Angle Antenna Design With 30° ×16° Beam Width Reduces False Alarms/Covers Multiple Lanes And Can Distinguish Vehicles Traveling In Opposite Directions/ Strong Environmental Adaptability, Unaffected By Strong Light, Rain, Snow, Fog, Etc.

Application Fields



Speed Measuring Radar GN200C



Speed Measuring Radar GN200C

Technical Parameters

Parameter Name	Symbol	Minimum Value	Typical Value	Maximum Value	Unit
Working Voltage	V_{CC}	9	12	24	V
Working Current	I_{CC}	-	40	-	MA
Operating Temperature	T_{CC}	-40	-	+85	℃
Storage Temperature	T_{CC}	-55	-	+105	℃
Transmission Frequency	F_{TX}	24.00	24.125	24.250	GHZ
Output Power	P_{OUT}	-	6	-	DBM
Detection Distance	R_D	200	-	-	1
Speed Measurement Range	VRR	-200	-	220	KM/H

Giants Sensor Technology

Speed Indicator Signs

Key Features

Accurate Measurement, Easy Installation/Intelligent Sensing, High-Brightness Radar Detection Display/Customizable By Manufacturer /Wide Temperature Range, Stable Performance/Waterproof And Dustproof Design

Application Fields

Manufacturer Speed Detection

High Speed Detection

Industrial Park

Technical Parameters

LED Display Size	380X512mm LED
Color	Red/Green Speed Range: 10-199 km/h
Accuracy	±1 km/h (MPH)
Radar	24.125GHz (K-Band)
Detection Distance	200 m
Visual Distance	300m Operating Temperature: -20° C~70° C
Power Supply	Optional DC/AC/Solar Power

Giants Sensor Technology

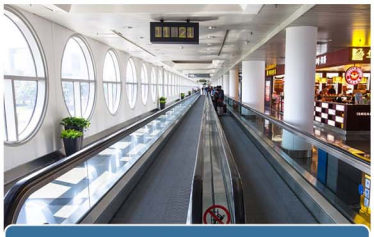
Escalator Radar
ESOR

Key Features

Compact Size, Easy Integration/Parameter Configuration Via Mobile App/Adjustable Sensitivity To Avoid Missed Detections/Electromagnetic Shielding Design With Strong Anti-Interference Capability/Adjustable Detection Range: 0-5 Meters

Application Fields

Escalator



Moving Walkways

Technical Parameters

Application Technology	Microwave Doppler Radar	**Rated Current**	100mA
Transmission Frequency	24.125GHz	**Maximum Switching Voltage**	48VDC
Transmission Power	<20dBm EIRP	**Maximum Switching Current**	100mA
Detection Distance	0-5m	**Temperature Range**	-30°C To +60°C
Detection Mode	Motion	**Protection Rating**	IP67
Minimum Detection Speed (Along Antenna Axis)	5cm/s	**Dimensions**	41mm x 41mm x 40mm
Operating Voltage	12-36V AC/DC	**Cable Length**	50cm + M12 Connector Or 5m
Maximum Power Consumption	1.2W	**Weight**	100g
Output	NO/NC		

Giants Sensor Technology

Transcending borders, sharing innovation
Our products, global choice...

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