

Foreedge

sensor
SECURITY

RELIABLE • SCALABLE • SECURE

Leading Global ICT Network Solutions Provider



Smart
Office



Smart
Hotel



Smart
Campus





RELIABLE • SCALABLE • SECURE

Leading Global ICT Network Solutions Provider

Company Information

Shenzhen Fengrunda Technology Co., Ltd, established in 2011 and headquartered in Shenzhen, is a world-class supplier of ICT infrastructure equipment, with a core focus on data transmission. It is recognised as a national high-tech enterprise integrating research and development, production, sales and service. The company holds over 300 intellectual property assets, including invention patents, utility models, design patents, and software copyrights. It has been recognised as a national "Little Giant" enterprise for specialisation and innovation, named a single champion in Guangdong Province's manufacturing industry, and ranked among the top 100 innovative enterprises in Shenzhen's Longhua District.

Fengrunda has established a research and development centre in Shenzhen and operates a 10,000-square-metre intelligent manufacturing facility. It maintains branches and service centres in more than 30 provincial capitals across China and actively develops international markets, serving clients in over 100 countries and regions.

With strong independent innovation capabilities and user-oriented solutions, the company's products are widely used in data centres, hotels, industrial parks, educational institutions, smart factories, transportation and the power and energy sectors.



30+

Global Branches



300+

Domestic Channel Partners



300+

Overseas Channel
Partners



100+

Countries And Regions
Covered By Business

www.foregedgetech.com

Sensor Security is an approved Foredge Distributor

SWITCHES



10G Network
Switches

Gigabit Layer 2/3
Managed Network
Switches

AI PoE Switches

AI Access Switch
- Gigabit PoE
Injector

Industrial Network
Switches

10G Network Switches

Product Model	 S5700-48GP-4TFR
Network Port	48*GE PoE
Uplink Port	4*10G SFP+
Management	L3
PoE Consumption	Total:360W Single:Max.30W
Switching Capacity	176Gbps
Forwarding Rate	130.9Mpps
Packet Buffer	12M
MAC Table	16K
Unit Dimensions	440*360*44mm
Power Specification	100-240V/50-60Hz

Gigabit Layer 2/3 Managed Network Switches

Product Model	 PS2010G	 PS3016GS	 PS3024GS
Network Port	8*GE PoE	16*GE PoE	24*GE PoE
Uplink Port	2*SFP		
Management	L2		
PoE Consumption	Total:150W Single:Max.30W	Total:150W Single:Max.30W	Total:250W Single:Max.30W
Switching Capacity	20Gbps	36Gbps	52Gbps
Forwarding Rate	14.9Mpps	26.8Mpps	38.7Mpps
Packet Buffer	4.1M		
MAC Table	8K		
Unit Dimensions	285*180*46mm	440*180*44mm	440*180*44mm
Power Specification	100-240V/50-60Hz		

AI PoE Switches

Product Model	 AI1016G	 AI1024G	 AI806M	 AI8016M	 AI8082M
Network Port	16*GE PoE	24*GE PoE	4*100M RJ45	16*100M RJ45	8*100M RJ45
Uplink Port	2*SFP		2*100M RJ45	2*GE RJ45, 1*SFP Combo	2*GE RJ45
PoE Consumption	Total:150W Single:Max.30W	Total:250W Single:Max.30W	Total:65W Single:Max.60W	Total:150W Single:Max.60W	Total:65W Single:Max.60W
Switching Capacity	36Gbps	52Gbps	1.2Gbps	7.2Gbps	5.6Gbps
Forwarding Rate	26.8Mpps	38.7Mpps	0.89Mpps	5.4Mpps	4.16Mpps
MAC Table	8K		1K	8K	1K
Unit Dimensions	440*180*44mm		190*131*40mm	285*180*44mm	190*130*40mm
Power Specification	100-240V/50-60Hz				
AI Functions	AI VLAN,AI Extend,AI QoS,AI PoE		AI Extend & AI PoE by Software		

AI Access Switch - Gigabit PoE Injector

Product Model	 PSE803BT	 PSE803
Input Power	100-240VAC@50/60Hz	
Transmission Rate	10/100/1000Mbps	
Transmission Distance	Max 100 meters	
PoE Power Supply	middle jumper method, end jumper method	
PoE output Voltage	54VDC	
PoE output Power	Max 75W	Max 30W
PoE Pin	4Pair: 3/6/4/5 (+) , 1/2/7/8 (-)	
LED Indicator	Power (yellow); PoE (green)	
Protection lever	Surge: Common mode of network port ±6KV Electrostatic (ESD): air ±8KV, contact ±6KV	

Industrial Network Switches

Product Model	Network Port	Uplink Port	Management	Switching Capacity	Forwarding Rate	MAC Table	Unit Dimensions	Working Temp	Power Spec
 IS104GS-2F	4*GE RJ45	2*SFP	L2	12Gbps	8.9Mpps	8K	163*110*47 mm	-40°C-75°C	DC:12-56V
 IS108GS-2F	8*GE RJ45	2*SFP	L2	20Gbps	14.9Mpps	8K	163*110*47 mm	-40°C-75°C	DC:12-56V

OPTICAL MODULE



SFP Optical Module

SFP Optical Module

1.25G Optical Module	
 SF310M-LC-500M	 SF312A-LC-10KM
500M Gigabit Multimode Optical Module	10KM Gigabit Single Mode Optical Module

WIRELESS



Three-in-One Integrated Gateway & AP

Three-in-One Integrated Gateway & AP

Model	Category	Product Picture	Interface	Number of AP's	Power Supply	Size
FAC109-PoE-MR	AP Controller		1*WAN (GE) 8*LAN(GE)	64	48V-52V	185*100*28mm

Product Model	 W60HAP	 W618AP	 W668OHAP
Category	Wall Panel AP	Ceiling-mounted AP	Outdoor AP
Interface	1*WAN(GE)+ 1*LAN(GE)	1*WAN(GE)+ 1*LAN(GE)	1*WAN (2.5GE) 1*LAN (GE)
Wi-Fi	2976Mbps(Wi-Fi6)		
Wi-Fi Antenna	2.4G:2*4dBi 5G:2*4dBi	2.4G:2*5dBi 5G:3*5dBi	2.4G:2*5dBi 5G:3*5dBi
Number of Clients	128		
Size	86*86*43mm	331*331*48mm	253*102*60mm

Our Branches

GAUTENG

 Unit A3 Tillbury Business Park
1030 16th Road
Randjespark, Midrand
1685

 +27 10 446 6496

GAUTENG

 1048 Pretorius Street
cnr Festival Street
Hatfield, Pretoria
0084

 +27 12 065 4990

KWAZULU-NATAL

 Unit F1A Umgeni Business Park
35 Intersite Avenue
Springfield, Durban
4091

 +27 31 263 0305/6/7

FREE STATE

 Unit 7 Palm Park
94 Kellner Street
Westdene, Bloemfontein
9301

 +27 45 050 0437

WESTERN CAPE

 Unit 3 Northgate Estate
7 Gold Street
Brooklyn, Cape Town
7405

 +27 21 510 1445

EASTERN CAPE

 124 Fordyce Road
Walmer
Gqeberha
6070

 +27 41 581 0316

 info@sensorsecurity.co.za

 www.sensorsecurity.co.za