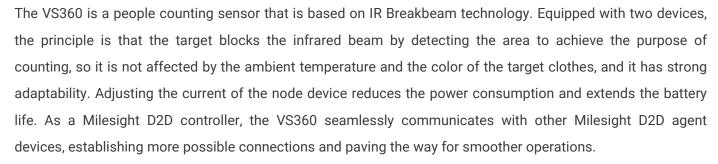
IR Breakbeam People Counter

Featuring LoRaWAN®

VS360





With easy configuration and wireless detection, the VS360 facilitates simple deployment and connectivity. Compliant with the Milesight LoRaWAN® gateway and Milesight Development Platform, users can know the number of passage people and trigger other sensors or appliances easily.





Master Device Node Device

Master Device Node Device

◆ Features

- Provide good accuracy rate for bi-directional people counting without sunlight interference
- Based on IR Breakbeam technology which is not affected by ambient temperature with more adaptability
- Ultra-low power consumption with up to 3-year battery life without replacement
- > Wireless connectivity and convenient size improve the accessibility and simplicity of deployment
- Visual data about people counting via screen
- Smart scheduled hibernate mode to save battery power
- Support Milesight D2D protocol to enable ultra-low latency and directly control without gateways
- > Equipped with NFC for one touch configuration and support card emulation mode
- ➤ Function well with standard LoRaWAN® gateways and network servers
- > Compatible with the Milesight Development Platform

Specifications

Measurement		
People Counting		
Technology	IR Breakbeam	
Installation Height	0.7m ~ 1.2m	
Detection Range	1.2m ~ 3 m	
Detection Rate ¹	High Traffic Period Mode: Up to 90% (Single Person: Up to 99%)	
	Low Traffic Period Mode: Up to 85% (Single Person: Up to 99%)	
Bi-directional Counting	Support	
Wireless Transmission		
Protocol	LoRaWAN [®] , Milesight D2D	
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4	
Tx Power	16 dBm (868 MHz)/19 dBm (470 MHz)/22 dBm (915 MHz)	
Sensitivity	-137dBm	
Mode	OTAA/ABP Class A	
Others		
Screen	1 × OLED Screen for Master Device	
LED	1 × LED Indicator for Node Device	
Button	1 × Power Button for Both devices	
	1 × Reset Button (Internal for Master Device)	
Configuration	NFC Configuration via Mobile App (Master Device)	
Advanced Feature	Hibernate Mode, Data Storage, Data Retransmission, Data	
	Retrievability, Milesight D2D Controller	

Physical Characteristics	
Power Supply	2 x 2700 mAh ER14505 Li-SOCl ₂ Replaceable Batteries for per device
Battery Life ²	Master device: Around 3 Years (10-min Report Interval, 12 Working Hour per Day, 25°C) Node device: High Traffic Period Mode: Around 3 Years Low Traffic Period Mode: Around 4 Years (12 Working Hour per Day, 25°C)
Operating Temperature	-20°C ~ 50°C
Relative Humidity	0% - 95% (Non-condensing)
Ingress Protection	IP30
Dimension	76 x 62 x 20 mm (2.99 x 2.44 x 0.79 in)
Material & Color	PC (Flame Retardant), Black/White
Installation	Wall Mount

¹ Test under the detection range is 1.5m.











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²Tested under laboratory conditions and for guideline purposes only.