

双目客流统计产品

BINOCULAR PEOPLE COUNTING PRODUCT

产品概述

双目客流统计产品是一款 3D 精准客流统计设备。本产品通过双目立体传感器获取深度信息，基于头肩特征算法，识别复杂场景内的头肩特征，从而实现精准客流量统计。



产品特点

- 实时精准统计：
 - 实时精准识别人体，准确率超过 98%；
 - 准确过滤儿童和其他大型物体；
- 适用复杂光照场景：
 - 街边阳光照射场景；
 - 门口装饰灯光场景；
 - 光线昏暗场景；
- 不受周围环境影响：
 - 各种材质/颜色的地面与墙体场景；
 - 四周有墙体/开关门/摆放物体等场景；
- 网络智能设备：
 - 支持本地计算，无需本地服务器；
 - 支持离线存储，支持断网续传；
 - 支持 POE 供电；
 - 支持 WI-FI 连接；
- 丰富开放接口：
 - 设备本地开放丰富应用接口；
 - 485 扩展支持
 - 开发者可以灵活、快速地集成开发。
- 覆盖范围大：
 - 具有 100°大视场角，覆盖范围更广；
- 隐私安全：
 - 基于深度图计算，无隐私担忧；

性能参数

视觉参数	
视场角	Horizontal 100° , Vertical 70°
深度图输出帧率	1280*800@25fps
功能参数	
准确率	≥98%
高度范围	2.2m~6.0m
覆盖范围	1.2~5.5m
滤除高度	0.5~1.2m
技术参数	
功率	3.2W~3.6W
供电方式	POE (802.3af/at) /DC-12V
网络	超 5 类网线/WI-FI
寻址	静态 IP / DHCP
离线缓存	90 天
数据上传方式	HTTP POST/HTTPS POST
数据扩展接口/信号	485 接口 x 1/ 6V~24V IO 输入 x 1
工作环境	
工作温度	0°C~45 °C
工作湿度	20~80 %
储存温度	-20°C~50 °C
储存湿度	20~80 %
包装	
结构尺寸 (mm)	143 x 70 x 40
重量(g)	370
安装方式	贴顶安装/吊装

表 1 安装高度与覆盖宽度对照表

安装高度	覆盖宽度
2.2m	1.2m
2.5m	1.9m
3.0m	3.1m
3.5m	4.3m
4m~6m	5.5m

Product Overview

Binocular passenger flow statistics product is a 3D accurate passenger flow statistics equipment. This product obtains depth information through binocular stereo sensor. Based on head-and-shoulder feature algorithm, the product can identify head-and-shoulder features in complex scenes, so as to achieve accurate passenger flow statistics.



Product Features

- Real-time accurate statistics :
 - Real-time accurate recognition of the human body, accuracy of more than 98%;
 - Accurately filter children and other large objects;
- Designed for Complex environment :
 - The sunny scene on the street;
 - Decorative lighting scene;
 - Dark/dimly scene ;
- Unaffected by the environment :
 - Designed for floor and wall scenes with various materials/colors;
 - The scenes with walls/doors/objects around;
- AI Network Device :
 - Local computing is supported without the need for a local server;
 - Support offline storage, support off - line continuation;
 - Supported to Power supply by POE;
 - Supported by WI-FI;
- Plentiful APIs :
 - Device enable plenty of APIs;
 - Developers can integrate development flexibly and quickly.
- Large Coverage :
 - With 100° field of view, covering a wider range.
- Privacy Security
 - Base on depth map

Installation	Height	Coverage widget
	2.2m	1.2m
	2.5m	1.9m
	3.0m	3.1m
	3.5m	4.3m
	4m~6m	5.5m

Performance Parameters

Visual Parameters	
Visual Field	Horizontal 100° , Vertical 70°
Depth Map Output	1280*800@25fps
Function Parameters	
Accuracy	≥98%
Height Range	2.2m~6m
Coverage Range	1.2m~5.5m
Filter Height	0.5m~1.2m
Technical Parameters	
Power	3.2W~3.6W
Power Supply Mode	POE (802.3af/at) /DC-12V
Ethernet	UTP/WI-FI
IP Addressing	Statics IP / DHCP
Offline caching	90 Days
DATA UPLOAD Mode	HTTP POST/HTTPS POST
Other DATA Interface	485 x 1/ 6V~24V IO Input x 1
Work Environment	
Work Temperature	0°C~45 °C
Work Humidity	20~80 %
Storage Temperature	-20°C~50 °C
Storage Temperature	20~80 %
Packaging	
Structure (mm)	143x 70 x 40
Weight (g)	370
Installation	Top Mounting/Lifting