Customer Counting Camera Sensmode PCBot R40

With the technology of stereoscopic vision, Sensmode PCBot R40 Customer Counting Camera is an accurate customer flow statistics equipment target at public areas of large people flow.

The camera can obtain environmental data in depth by its visual radar sensing. And then it recognizes the head and shoulder characteristics to count the crowd, in a coutinuous way. With the accuracy of more than 98%, the camera works fluently in complex background without extracting indivisual privacy data.

Business center   Chain store   Cultural venues

More Efficient Partitioned Management

To count the crowd in a partitioned way can optimize the specific operation strategy and amplify the commercial value of the statistics.

More Sensible Staff Scheduling

The camera helps to obtain the quantity change of the crowd in a day and analyzes the rule of their motion trails to arrange the staff scheduling in a more reasonable way and therefore improves the economic efficiency.

More Credible Monitoring Data Conversion

The accurate passenger flow statistics correlate the income data to monitor the real-time store conversion effects.

More Assured Security Management

The camera obtain the movement of customer flow as the foundation of timely safety precautions to eliminate security risks.

Innovative Technology Enables Accurate Customer Counting

More than 98% Statistical Accuracy

- Flexible height adjustment, accurate filtering of children and other large objects
- Count entering and leaving seperately

Not Afraid of the Sun as well as the Night

- Adapt to outdoor scenes with strong sunlight
- Adapt to decorative lighting in the doorway
- Adapt to dim light and the dark

Strong Adaptability to the Environment

- Adapt to floors and walls of different materials and colors
- Adapt to scenes surrounded by walls or placed with objects

Flexible Interface and Protocol

- Open and rich application interfaces
- Data protocol can be flexibly customized by speicific needs

Both a Counter and a Network Camera

- Support for offline storage
- Support for resuming from break-point
- Support for Wi-Fi connection

PERFORMANCE PARAMETERS

VISUAL PARAMETERS	
VISUAL FIELD	Horizontal 100°, Vertical 70°
FUNCTION PARAMETERS	
HEIGHT RANGE	2.2m~6.0m
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
NETWORK	Category 5e network cable/ Wi-Fi
ADDRESS	Static state IP / DHCP
OFFLINE CACHING	90 Days
DATA UPLOAD METHOD	HTTP POST / HTTPS POST
DATA EXTENSION INTERFACE/SIGNAL	485 interface x 1/ 6V～24V IO input x 1
WORK ENVIROMENT	
WORK TEMPERATURE	0°C ~ 45°C
WORK HUMIDITY	20% ~ 80 %
STORAGE TEMPERATURE	-20°C~50 °C
STORAGE HUMIDITY	20%~ 80%
PACKAGING	
STRUCTURE SIZE	143 x 70 x 40 (mm)
WEIGHT	309g

SOLUTION ARCHITECTURE

In the Edge AI computing system, the overall system architecture is simple and reduces the equipment cost.

POE Switch

IoT Integtation Platform

Alarm

Notification

Set parameters

Access data

Export data