Getting the right APC counts

Accurate, Resilient, Easy to Install

EYERIDE has developed advanced passenger counting technologies for motorcoach and public transportation that incorporates unique analytics about your routes and buses. EYERIDE has created tools to give you knowledge and statistic about each of your stops and real-time information about how your passengers are utilizing your buses.

Reliable route optimization

Incredibly accurate calculation helps the manager in scheduling and fleet planning.

Information on the number of passengers per stop allows you to adapt to the specifics of any route.

Effective passenger guidance using real-time data

Accurate to within 98%, data from the passenger counting unit is reported to the fleet manager.

APC provides passenger data to the operations manager such as total passenger distance and average passenger load.

Maximize passenger comfort

Passengers can track the occupancy of vehicles and spread out among the vehicles optimally.

Customize your vehicle climate and prevent uncomfortable journeys with real-time monitoring and reporting.

ALERT HUMAN HIGH TEMPERATURE

TOTAL IN TODAY 1,021

NO. OF PASSENGERS 56

Passenger VS Time

+1 PASSENGER ABOARD

EYERIDE APC
A highly-accurate passenger counting system.
98.2% ACCURACY

EYERIDE APC

Device

Infrared LED light

Binocular camera

Power indicator

P S L

Binocular camera

Network indicator

Status light

Product Specifications

Series	EYERIDE APC
Visual parameters	
View angle	Horizontal 140°，Vertical 120°
Depth map resolution	640*400@0~11,48ft;
Output frame rate	640*400@25fps
Functional parameters	
Accuracy	≥98%
Height range	<6,23ft
Coverage area	3,61~27,03ft
Filter height	1,64~3,94ft
Technical parameters	
Power	3.2W~3.6W
Power supply	POE(802.3af/at)/DC9~30V (standard 12V)
Ethernet cable	5 class
Networking mode	Wired network/WI-FI
Addressing	Static IP / DHCP
Offline caching	90 days
Data upload mode	HTTP POST/HTTPS POST
Interface extension	485 x 1 / 6V~24V input IO x1

EYERIDE APC

Work environment	
Work temperature	0°C~45 °C
Work humidity	20~80 %
Storage temperature	-20°C~50 °C
Storage humidity	20~80 %
Package	
Size(ft)	0,47ft x 0,23ft x 0,13ft
Weight(g)	370g

People flow parameters

Installation height	Coverage width
6,23ft	3,61ft
6,56ft	5,41ft
6,89ft	7,22ft
7,22ft	9,02ft
7,55ft	10,83ft
7,87ft	12,63ft
8,2ft	14,44ft
8,53ft	16,24ft
8,86ft	18,01ft
9,19ft	19,82ft
9,51ft	21,62ft
9,84ft	23,43ft
10,17ft	25,23ft
10,5ft	27,03ft
11,48ft	32,15ft

Light condition

Identification	Name	Status and description
P	Power	On: normal power supply; Off: no power supply
S	Status	1. Always on: The device is working normally; the public network connection is normal; Short off (on for 3 seconds and off for 1 second), the device is working normally; the public network connection is abnormal; 2. Flashing quickly (flashing twice for one second): Connecting to WI-FI; 3. Slow flashing (flash once and off for one second): WI-FI mode network cable connected device enters debugging mode; network cable not connected: connection timed out in WI-FI mode;
L	Wired network connection indicator (Link)	Blinking/steady on: The wired network cable connection is normal Off: The network cable is not properly connected

Diagram

POR Tail network harness
The label paper

0,79"
30.30 m
2,76"
5,63"

1,57"
0,98"
0,78"
0,98"
1,69"

5,63"
2,76"
0,86"
P S L

1,57"
0,98"
0,78"
0,98"
1,69"

5,63"
1,57"
1,69"