TD1001

2D Smart Counting Sensor

Truly differentiating itself amongst its peers is the TD1001 which achieves a higher level of count accuracy with its powerful data capturing and built-in analytics.

It is ideal for use in indoor environments with low to medium passenger flow for traffic intelligence purposes including footfall entrants and exits statistics, passers-by statistics, zone occupancy etc. Traffic data from multiple discrete zones can be collected in real time, packaged in XML format and delivered to the cloud or local server for brick-and-mortar businesses and organizations to generate business reports and build applications based on accurate footfall traffic analytics.

With open interface and good compatibility, TD1001 enables businesses to integrate traffic intelligence with other systems such as ERP, POS, CRM, Business Intelligence and the third-party applications like mobile Apps, digital signage etc.

- All-in-one intelligent platform embedding data capturing and analytics

- Powerful algorithm delivering high accuracy and reliability in typical indoor environments

- Support of more applications than its peers

Specifications

HARDWARE	
Model	TD1001
Materials	**Shell:** ABS (UL94 V-0 Flame Class Rating or Equivalent)
	Backplane: Heat Dissipation Aluminum
Weight	**Device:** 306g; **Packaged Device**: 363g
Dimensions	**Device:** 97.5mm x 97mm x 58.8mm **Package Box:** 115mm x 115mm x 83mm
Lens Options	2.2mm wide-angle lens
Sensor	1/2.9"CMOS
The Maximum Resolution	1920 x1080; 2M pixels
Power Supply	POE (44V~57V, 0.2A)
Power	3W
Flash	8GB EMMC
Internal Storage	1G DDR3
Network	10M/100M Ethernet
LED	3 tri-state LED
RTC working time after a power outage	Minimum 3 days

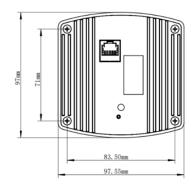| WORK ENVIRONMENT	
Working Environment	$0\text{-}50^0$ temperature and 20%-80% relative humidity for properly working

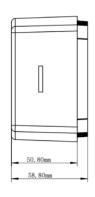| PARAMETERS	
Mounting Height	2.3m — 5m
Mounting Angle*	Support horizontal or tilt installation

*Up to 45^0. Tilt installation will degrade counting accuracy.

Key Features

- All-in-one device with built-in data capture, storage, analytics and delivery
- Supports horizontal/tilt installation for oblique views and passers-by footfall collecting
- Up to 8 discrete zones for people counting and 8 zones for dwelling
- Supports enhanced privacy mode in configuration pages
- Easy to use web interface for remote management, monitoring, configuration, and software upgrade
- Supports recessed and wall/ceiling mounting for flexible installation based on site requirement
- Supports scheduled streaming of digital video output remotely for count accuracy validation
- Stores counting metrics at a per- minute granularity
- Flash memory stores data at least 90 days in device (subject to configuration setting)
- Data packaged in XML packets and transmitted over HTTP/HTTPS, FTP/FTPS
- Power over Ethernet (PoE)
- Open API for easy system integration

For enquires please send email to info@tdintelligence.com

www.tdintelligence.com