DS1001CIM

People Counting Terminal

As an integrated People Counting Terminal , the front-end of the terminal is embedded with video acquisition and counting analytical software and visitor flow statistical analysis can be conducted without any extra devices.

The terminal is embedded with industrial leading counting algorithm specifically for FIRS, which can conduct accurate statistical analysis of visitor flow situation according to the analytical ranges, and can counting the flow in two ways. The device is equipped with built-in web Server, which can provide visitor flow numerical statements in the form of time such as hourly, daily and monthly reports for users via IE access. It can monitor specified areas in real time via IE or network video monitoring platform, and also obtain the accurate visitor flow information of that area to help users with more efficient organization.

The terminal provides standardized SDK interface protocol, and can conduct device data acquisition via such interfaces as RJ45 and RS232/485 for back-end analysis; FIRS also provides standardized back-end data analytical software.

Applications

It is applied in real-time statistical analysis of visitor flow and the number of the people indoors/half indoors such as malls, supermarkets, exclusive shops, train stations, airports, wharfs, passenger transport hubs, museums, convention centers, KTVs.

Characteristics

- It involves video acquisition and visitor flow statistics, simplifies the installation to one-time without any extra devices as the latest and unique product configuration in the industry.
- Two-way statistics, which can achieve many-people two-way intersecant statistics.
- The accuracy is up to 95% under standardized circumstances.
- The time of the terminal can be synchronized with that of the Server, which makes query more convenient and accurate.
- It can upgrade and process the products directly via net opening/USB interface, which makes maintenance quicker and more convenient.
- It can conduct video monitoring by connecting to FIRS network video monitoring platform.

Parameters

Model No.	DS1001CIM
Device Composition	Integrative
Operational Platform	Embedded DM6446
Video Compression Format	MPEG-4/H.264
Network Transmission	TCP/IP
Interfaces	RS-485, RS232, RJ45, IO
Storage	Front-end SD card / USB hard disk
Cameras	1.7 mm embedded, 2.5mm backup, resolution 640*480
Device Management Function	Embedded Web Server, USB / network interface data importing and exporting
Adaptable Working Environments.	0℃～55℃; humidity ≤ 95% , without condensation
Sychronization Functions	Synchronized with the SERVER
Detected Visitor Flow Speed	＜20m/s
Monitoring Reaction Speed	＜1S
Woking Voltage	12V DC
Working Current	800mA
Power	8.6W
Exterior Size	Diameter 163 mm, Height 46mm