Patented two-way people counting systems with certified high-accuracy (>97%), even with crowds, designed with 2D/3D stereo artificial vision algorithms based on neural networks

LATEST GENERATION 2D-3D TECHNOLOGY
Patented two-way people counting systems with certified high-efficiency (>95%), even with crowds, designed with 2D/3D artificial vision algorithms based on neural networks

VARIETY OF COMMUNICATIONS INTERFACES
Remote management with IP communications (Ethernet, WiFi, 3G/4G)

NEW ENVIRONMENTALLY INTEGRATED DESIGN
"Invisible" to the customer as it is installed overhead, with a variety of housings adaptable to any architectural environment

INTERNAL STORAGE OF HISTORIC DATA
Traffic customer data (entries and exits) remains in memory mapped in a day table available up to a maximum of 30 (every 5 minutes) or 10 (every 1 minute)

AUTOMATIC ADAPTATION TO THE SCENARIO
Automatically adapts to changes in scenario in the monitoring and counting area, and it is not necessary to re-configure the device parameters when the operating environment changes

RIGOUROUS SYSTEM CONTROL
Detection of anomalous situations and sending of alarms

EASY DATA INTEGRATION
Flexible data integration with all the customer data processing profiles (csv, xml, web services)

CENTRALISED MANAGEMENT
Unlimited number of devices managed from a single centralised server in the cloud or corporate server on the Intranet, through the statistical management web application VC.i-Stats

MAXIMISE THE CUSTOMER/VISITOR RATIO
- Daily / weekly / monthly traffic patterns
- Proactive reduction of departures without buying
- Optimisation of customer waiting times
- Influence of weather

MAKE MARKETING PLANS PROFITABLE
- Impact of promotions, advertising, etc...
- Measurement of the advertising channel audience
- Times adapted to different customer profiles
- Management of the renting of commercial areas
- Discounts during hours of little influx

OPTIMISE OPERATING COSTS
- Optimal management of staff and stock
- Comparatives between shops, brands, regions, ...
- Measure the impact of opening/closing your own or the competition's shops
- Management of energy, cleaning and security resources with traffic patterns
- Avoid the formation of long queues at the checkouts

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FUNCTIONAL ARCHITECTURE

Centralised management of commercial area traffic information with VISUALCOUNTER.IP devices

COMMERCIAL AREA

COMMENTS

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Types</th>
<th>2D artificial vision (VC.Vision.2D)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2D-Lite artificial vision (VC.Vision.2D.Lite)</td>
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<tr>
<td></td>
<td>3D stereoscopic vision (VC.Vision.3D.ST)</td>
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</tbody>
</table>

Communications

- IP (Compatible protocols : IPv4, TCP, UDP, DHCP, SNMP, FTP)
- Ethernet
- WiFi (802.11 b/g/n)
- 3G/4G

Voltage / Power consumption

- 9VCC/300mA (4W max.)
- PoE (Power Over Ethernet) - IEEE 802.3af compatible

Connectivity

- RJ-45 (Network/PoE), Jack (Power)

Memory

- Internal RAM/Flash (30 days of influx in 5 minutes intervals)

Operating conditions

- Relative humidity: 20% a 80% (non-condensing)
- Temperature: -20°C a 70°C

Dimensions / Weight

- 35 x 90 x 110 mm / 450 g
  (Standard housing "VC.Case.B1", rest of the housings to be consulted)

Approvals

- EN 55022 B class, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950-1, FCC Sección 15 Sub.B B class, UL-US/CAN, ENEC/08, EAC

VISUALCOUNTER AROUND THE WORLD

- More than 40.000 counting devices installed
- Present in 80 countries on all five continents
- Reference customers in each market niche
- Solutions tailored to each country and sector
- Developing, manufacturing and marketing own people counting solutions

VISUALCOUNTER
C/ Julián Camarillo 53, Pl 3, Of 4
28037 - Madrid (SPAIN)

info@visualcounter.com.es
(+34) 91 375 06 95