PassCountPro™

by Universal Com Link

automatic passenger counter
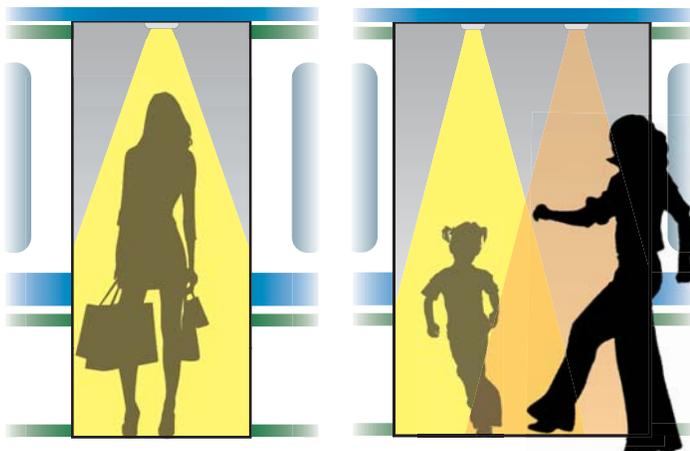
Universal Com Link's PassCountPro™ is a professional all solid state automatic passenger counter (APC) system designed for buses and light-rail cars.

3D Laser Technology

Using 3D Laser Technology, UCL's self contained Automatic Passenger Counting System offers a counting accuracy up to or greater than 98%. Our exclusive 3D laser technology actually locks on to the passenger's body when they enter the beam and tracks their movement. Two passengers passing each other in the doorway would be locked on to as separate bodies and counted properly. Even if a passenger steps on and then steps back off the bus, the sensors will track this and the passenger would not be counted.

If used in conjunction with our TransitPC6™ mobile Digital Video Recorder, it's possible to verify all results at any time, through the comparison with video recordings.

Single 3D laser sensor on single door

Dual 3D laser sensors on wide door

Knowledge is Power

If public transport system operators know the capacity, utilization and punctuality of their fleet, they can optimize routing and reduce costs.

UCL's PassCountPro™ automatically tracks counter data to the correct trips and stops. You profit from exact passenger and trip data, even in the event of major delays, detours or extremely high headway frequency.

Allocate Wisely

Accurate counting data of passengers or other customers is a key factor in many sectors for efficient resource allocation. This includes public transportation systems (trains, busses), retail and facility management with any types of entrances and floors (e.g. shopping areas and lobbies).

For operators of public transport systems, passenger count data is the basis for dynamic adjustments of transportation capacity and sharing revenues between different business divisions. Retail and facility managers are interested in customer numbers for security reasons, surveillance of behavioral patterns, and flexible planning of personnel.

PassCountPro™

features

- All solid state - no moving parts or fans to fail
- Easy to use Windows based software with graphical user interface and reporting
- Remote communication thru ethernet, 2-way radio, cellular, WiFi, and other wireless options
- Auto download of data when returning to station
- Optional GPS logging records boarding/disembark stats for each stop
- Robust aluminum housing

Proudly
MADE IN USA

Small, Rugged, and Ready

Built for dependability and long life, PassCount-Pro™ is designed to withstand the temperature fluctuations and heavy vibration of mobile operations. PassCountPro™ is all solid state - no mechanical hard drive with moving parts to fail. Our special mount isolates the system from shock and vibration. The system is designed for rugged vehicle requirements.

Designed as an intelligent and self contained system, PassCountPro™ constantly calibrates itself during operation to compensate for temperature changes and aging effects over lifetime. This guarantees a high reliability and a minimum of maintenance effort.

PassCountPro™ Specifications	
Accuracy	Up to 98% accuracy
Installation height	6 to 16ft
Software	Windows based
Data download	WiFi, cellular, 2-way radio, WiMAX, or other options
Operating temp.	-30° to +180°F
Operating voltage	6VDC - 38VDC reverse polarity protected
Warranty	3 year - 5 year extended available

Meets transit safety, NDT and FTA requirements

PassCountPro™ Options
Installed on our TransitPC6™ mobileDVR system or as stand-alone system
RF or card reader (add-on or stand-alone)
Installation on-site by our trained technicians

3 YEAR WARRANTY   **1** YEAR WORKMANSHIP WARRANTY   **5** YEAR EXTENDED WARRANTY

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