

Q10 Alpha Traffic Counter with Multi Line Display (Monitors Total Traffic and/or Occupancy levels)

Description:

Q10 Traffic Counters are simple to install and provide a system to display or record data based on the number traffic passing by one or more sensors. A backlit LCD display shows total entries and/or current occupancy level in real time. It can be used with almost any sensor to monitor people or vehicle traffic of up to 19 entrances with non-directional counting (counts up regardless of direction) or 9 entrances with directional counting (counts up when people enter and down when people exit). With custom programming this unit can control up to 9 external devices based on timing, counts, or external sensor input (control examples include: lighting systems, flashing signs, digital displays – or activate a buzzer or light to warn when capacity is reached). With features not available in systems much more expensive, the Q10-ALPHA system will surpass all your expectations.



Features:

- Counts total traffic and/or occupancy levels of the monitored area/s
- Monitors up to 19 non-directional or up to 9 directional sensors
- Optional PC or Network interface for data collection and reporting
- Modular system accommodates a variety of sensors and allows sensor and display to be mounted together or separately
- Battery Backup (counts are not lost if power is lost)
- Multi-Key front panel reset prevents tampering and accidental reset
- Safe low voltage 24V DC (plug-in adapter included with 10 ft cable)
- Outputs can control external devices such as warning lights and/or beepers to indicate when critical occupancy level is reached

Specification:

Parameter	Description
Power Supply	24V DC @ 500mA
Inputs (Contact, NPN or PNP)	8 (Q10-ALPHA14) or 15 (Q10-ALPHA24) - Expansion Module adds 4 Inputs
Outputs (Relay)	6 (Q10-ALPHA14) or 9 (Q10-ALPHA24) – 8 Amp Resistive Load
Dimensions (L x W x D)	4.9" X 3.5" X 2.1" [125mm X 90mm X 52mm]

Ordering:

- Q10-ALPHA14 (8-Input/6-Output Controller)
- Q10-ALPHA24 (15-Input/9-Output Controller)
- ALPHA-EX4 (4 Input Expander for Q10-ALPHA controllers)

Optional Components for Data Collection

- PCDL-1000 (Optional Count recorder/data logger for PC Integration)
 - PCDC-RS232 – Dowload Cable and Software required if using a PCDL-1000 count recorder
- PCW-2RLY (Optional - 900Mhz Wireless Data Transmitter)
 - PCW-SSSRX9 (900Mhz Sensor Server data receiver required with PCW-SBX)

Contact SenSource for information on sensors or data collection systems available for use with the Q10-ALPHA