

MigmaCount™ for Counting Pedestrians and Bicyclists



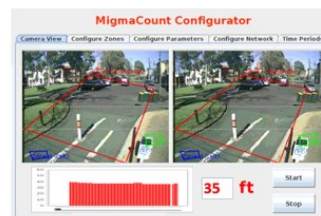
MigmaCount™ is an outdoor passive pedestrian and bicyclist detector and counter at street crossings, bike lanes or bike trails. It can count multiple pedestrians/bicyclists in groups through advanced tracking technology. The pedestrian/bicyclist counting sensor consists of stereo camera and laser scanner (LiDAR). Advanced features include:

- △ High resolution IR LED stereo camera for day/night detection
- △ High resolution laser scanner (LiDAR)
- △ Industrial single board computer (SBC) running Linux
- △ Counting large number of pedestrians and bicyclists in groups in opposite directions (e.g., North and South) simultaneously
- △ Pedestrian/bicyclist counts and/or images are saved locally and/or remotely at data management center
- △ Data format meets standard of Geocounts (www.geocounts.com)
- △ Standalone system utilizing LAN or cellular network for data transmission and remote access
- △ Simple wiring and connection using standard Ethernet cables
- △ Battery power or AC power

MigmaCount™ is designed to meet the traffic engineering requirements for pedestrian/bicyclist detection and counting in the outdoor environment. Built-in IR LEDs are turned on under low illumination for night time operation.

Specifications:

- △ Image Sensor: 1/3" Sony CCD Chip
- △ Sensor Mounting Height: 8 ~ 12 ft
- △ IR Range: 100 ft (~30m) in total darkness
- △ Laser Range: 55 ft
- △ Ambient Temperature: -22 °F ~ 158 °F (-30 °C ~ 70 °C)
- △ Operating Humidity: 0% ~ 96%
- △ Operating Environment: All weather, day and night
- △ Dimension: 12" × 10" × 7" (H × W × D)
- △ Power: DC (battery) or AC (100 - 240V)
- △ Mounting Structure: 4 brackets on the back
- △ Remote Access: Built-in TeamViewer Host
- △ Cloud Support: Yes



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