◆FLIR®

3D STEREO VISION SENSOR FOR PEOPLE COUNTING AND TRACKING

FLIR BRICKSTREAM® 3D GEN 2

Accurate and relevant people tracking is essential to understanding and improving customer conversion rates in retail outlets or traffic flow in malls, transport hubs, banks and smart buildings.

The Brickstream 3D Gen 2 with Wi-Fi and BLE features industry leading intelligent counting, increased coverage, integrated mounting and backward compatibility to help analytics service providers deploy value added people counting and tracking solutions. With the addition of the Employee Filtering feature, personnel movements are counted separately, providing more accurate counts. The Brickstream 3D Gen 2 provides a true picture of customer traffic.

For installers, the Brickstream 3D Gen 2 supports an integrated surface mount and wide range of mounting heights with only 2 lens options for easier inventory management and deployment. The Brickstream Device Manager simplifies configuration by easily enabling remote access to sensors in the field and reduces maintenance effort by automating task management across large deployments from one central point.

INTELLIGENT COUNTING
Patented stereo vision & people counting technology to accurately track and analyze traffic in real time.

- Stereo height measurement distinguishes between adults, children and other objects e.g. shopping carts
- Filter zones, pass lines, exclusion lines and shopper group identification enable elimination of specific traffic and greatly reduce false counts
- Employee filtering improves data accuracy counting staff movements separately in/out/across location
- Stereo processing engine provides reliable performance in low light, low contrast, and very bright scenes

REDUCE COST + SIMPLIFY DEPLOYMENT
Streamlined installation, wide field of view and broad mounting height range reduce cost and complexity.

- 21% wider field of view than the original Brickstream 3D
- Integrated surface mount means no external mount requiredSingle hand operation
- Hidden wiring out back of device for a clean appearance (external side wiring also possible)
- Wide mounting height range of 2.2 – 14m with only two lens options

PROTECT YOUR INVESTMENT
Compatible with your existing analytics and device management solutions.

- Remote device configuration and management via standard web browser
- Brickstream Device Manager offers remote management and task automation across large groups of sensors and multiple sites
- Brickstream Validator tools provide remote validation of device accuracy

SPECIFICATIONS

General

Power	Maximum 6W, Power-over-Ethernet (Class 2)
Operating Temp. Range	0 °C to 45 °C
Storage Temp. Range	-30 °C to 65 °C
Memory	512 MB RAM
Micro SD Support	8GB microSD card
Operating System	Linux

Network

Cabling	Category 5e
Ethernet	Single Channel 10/100/1000 Mb Ethernet
Addressing	DHCP or Static IP
Protocols	TCP/IP, DHCP, HTTP Proxy
Time Synchronization	SNTP, Daytime Protocol, Proprietary
Data Delivery	HTTP, SMTP, FTP
Secure Data Delivery	HTTPS, FTPS
Software Upgrade	TFTP, HTTP, HTTPS
Wi-Fi/BLE Support	optional

Packaging

Device Dimensions	59 x 162 x 40.5 mm
Lens Options	2.5mm for mounting height 2.2 – 7m 6.0mm for mounting height 6 – 14m
Enclosure	Plastic; available in white and black
Ceiling Mount	Base of 2-part case attaches directly to ceiling for surface mount Base also offers ¼"-20 threaded mount for external mount or pole Recessed and outdoor mount accessories available
Weight	0.25 kg
LEDs	2 tri-state status indicators

KEY FEATURES

- Captures in-depth customer and site metrics including traffic, queuing and service
- Works in varied conditions (dim or bright lighting, indoors or out, high or low mount)
- Simple, unobtrusive, overhead mounting (recessed mount available)
- Supports tilt on both the X and Y axis
- Supports up to 32 metric collection zones per sensor
- Height filtering can exclude children or count children separately
- Filter zones, exclusion lines and pass lines enable tailoring for specific traffic situations
- Shopping units are used to improve conversion rate accuracy
- Multi-sensor path linking
- Privacy filters
- Employee Filtering feature for true customer counts
- Remote device configuration and management via standard web browser
- Remote task automation across large number of cameras using Brickstream Device Manager
- Remote on-demand or scheduled accuracy validation
- Java-free interface
- No in-store computer required