FLIR *BRICKSTREAM*® *3D*
Gen 2

THE NEXT GENERATION 3D STEREO VISION SENSOR FOR PEOPLE COUNTING AND TRACKING

Knowing customer traffic and conversion rate are essential to understanding and improving store performance.

The new Brickstream 3D Gen2 is the next generation of the industry standard stereo sensor for people counting and tracking. Its advanced processing monitors customer traffic, analyzes queues, tracks service times and reports other in-store metrics in real time to provide the data for sound business decisions. Meanwhile, a new case with hidden wiring provides a clean, modern look.

For analytics service providers, the Brickstream 3D's integrated surface mount and wide range of mounting heights with only 2 lens options offer faster, simpler deployment, lower cost and easier inventory management. Brickstream Device Manager provides long-term cost savings by streamlining and automating management of large deployments from one central point.

More Accurate Conversion Rates

Patented stereo vision and people counting technology accurately track and analyze traffic in real time.

- Enhanced stereo processing engine provides reliable performance in low light, low contrast, and bright scenes
- New hardware design and stereo processing improve auto calibration and retention for long-term accuracy
- Stereo height measurement distinguishes between adults, children and other objects e.g. shopping carts
- Intelligent counting with filter zones, pass lines, exclusion lines and shopper group identification enable elimination of specific traffic and reduce false counts

Reduce Cost + Simplify Deployment

Streamlined installation, wide field of view and broad mounting height range reduce deployment cost and complexity.

- Wide field of view covers larger areas with fewer devices (21% wider field of view than the original Brickstream 3D with 2.5mm lens)
- Integrated surface mount means no external mount required
- 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.

- Fully backwards-compatible with Brickstream 3D and back-end analytics solutions
- Remote device configuration and management via standard web browser
- Seamless integration with Brickstream Device Manager to manage large groups of devices from one point and automate tasks
- Brickstream Validator tools enables remote validation of device accuracy

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SPECIFICATIONS

PACKAGING

Device Dimensions	162 x 59 x 41 mm
Lens Options	2.4mm with mounting height of 2.2m - 7m 6mm with mounting height of 6m - 12m
Enclosure	Plastic white
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
Power	< 8 W, Power-over-Ethernet
Weight	250 g

TECHNICAL SPECIFICATIONS

Power	Maximum 6W, Power-over-Ethernet (Class 2)
Operating Temperature Range	0 °C to 45 °C
Required Illumination	Minimum 12.5 lux
Storage Temperature 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 10/100Mb 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

KEY FEATURES

- Captures in-depth customer and store metrics including traffic, queuing and service (32 zones)
- Height filtering can exclude children or count children separately
- Works in varied conditions (dim or bright lighting, indoors or out, high or low mount)
- Filter zones, exclusion lines and pass lines enable tailoring for specific traffic situation
- Shopper group identification counts actual sales opportunities
- Multi-sensor path lining
- Privacy filters
- No in-store computer required
- Remote device configuration and management via standard web browser
- Remote, on-demand or scheduled accuracy validation
- Simple, unobtrusive, overhead mounting (recessed mount available)
- Supports oblique views
- Compatible with Brickstream Device Manager
- Java-free interface

Certified to
ISO 9001:2008

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Precisely Right.

ISO 9001:2008 REGISTERED COMPANY

KC CE

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