

# FLIR *BRICKSTREAM*<sup>®</sup> 2D



## **BUILT IN ANALYTICS AND SUPERIOR DATA CAPTURE**

The Brickstream 2D is the single lens member of the Brickstream sensor family. With a lower price point than stereo analytic sensors, the 2D single lens camera provides accurate customer counting in indoor environments with low to medium traffic volumes and consistent lighting. The 2D device is fully compatible with the Brickstream3D, Brickstream3D+, and BrickstreamDevice Manager, providing a migration path and mixed device deployments when required. Traffic data for up to six areas of interest is collected in real-time and streamed from the device for intra-day reporting and alerting. Data is packaged in XML messages and delivered to in-store or data center servers over a variety of delivery mechanisms.

## **ADVANTAGES**

The Brickstream 2D device offers multiple advantages over traditional data collection devices and video analytic platforms. Integrating video analytics and data management at the edge reduces total cost of ownership by eliminating the need for additional computers or data collection devices. An integrated web server enables complete configuration and management via standard web browsers either locally at the store or remotely over a WAN. The system scales by simply adding additional devices to the network.

Industry standard 802.3af Power-over-Ethernet is supported to facilitate utilization of existing networking infrastructure and network management tools.

## Specifications

PACKAGING	
Device Dimensions	2.8" x 3.5" x 1.75" 71mm x 88mm x 45mm
Lens Options	Standard 2.0mm lens supporting mounting heights from 2.4m to 6m (8 ft to 20 ft)
Enclosure	Plastic Colors: white or black
Field Upgradeable	Supports software upgrades over TFTP and HTTP
Power	Maximum 3.8Watts Power-over-Ethernet Class 1 or 24 Volts DC external
Weight	0.2 pounds / 0.1 kg
LEDs	3 tri-state (red, amber, green)

NETWORK	
Cabling	Category 5e
Ethernet	Single channel 10/100Mb Ethernet
Addressing	DHCP or Static IP
Protocols	TCP/IP, DHCP
Time Synchronization	SNTP, Daytime Protocol, Proprietary
Data Delivery	HTTP, SMTP, FTP
Secure Data Delivery	HTTPS, FTPS
Software Upgrade	TFTP

## KEY FEATURES

- Collects and stores counting metrics at one minute granularity
- IP addressable, enabling remote management and support, including software upgrades
- No additional in-store devices required for data collection and delivery
- Simple, intuitive web interface provides full device configuration and management capabilities
- Easy, unobtrusive, overhead mounting with support for oblique views
- Supports scheduled streaming digital video output for remote data validation
- Flash memory stores configuration settings and 10 days of data.
- Data packaged in XML packets and delivered over HTTP/HTTPS, FTP/FTPS, or daily e-mail
- Real-time data delivery
- Fully compatible with Brickstream 3D and Brickstream3D+ smart devices
- Digital IO for external device and system integration



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