

VISIX™ Time of Flight People Tracking Camera

The VISIX™ Time of Flight (ToF) camera is a special purpose, low-cost smart people tracker for queue management and people counting, combining state-of-the-art 3D imaging technology with intelligent video analytics. The ToF camera includes high-performance advanced analytics as a standard feature, improving measurement accuracy when compared to the current generation of thermal and stereoscopic cameras. This device has a high-quality video analytic tracking system and has excellent performance even in the most challenging lighting conditions or when one object is partially obscured by another. This camera also supports Stationary Queue Measurement and no object movement is necessary for maintaining tracking.

The ToF camera's automatic calibration foregoes the often complex and difficult calibration process required in order for the analytics engine to classify objects into different object classes. Integrating 3xLOGIC's advanced tracking engine into ToF contributes to improving the video analytics performance. Using a state-of-the-art infrared sensor and specially designed lenses, the ToF is one of the most advanced systems in the marketplace today.



Typical Use Cases



RETAIL



INDUSTRIAL



FINANCE &
BANKING



WAREHOUSE &
DISTRIBUTION

Key Features and Benefits

Ideal for retail, banking, entertainment, and transportation applications	✓
Measure Customer Times	✓
Intelligent People Tracker	✓
3D Imaging Technology	✓
Advanced Embedded Intelligent Video Analytics	✓
Automatic Calibration	✓
Overhead -View or Side-View Deployment	✓
Effective Pixels	320x240
Warranty	Years

What's in the Box

Torx Wrench

Screw & Anchor

Camera

Image Sensor:	Laser Diode - Class 1 Certificate (Eye safe with no special precautions needed)
Image Type:	Monochrome (Infrared)
Effective Pixels:	320 x 240
Lens:	Field of View: (H) 60° (V) 45° Iris: Fixed

3D-Function

Operating Range:	2m to 8m (15FPS)
Coverage Area:	Side View - Typical Ground Coverage (6m-4m)
Mounting Height:	2m Ceiling - Good Performance 3m-4m - Optimum Performance
Suitable Locations	Indoors with artificial lighting (Avoid Direct Sunlight)

Interface

Communication	1 RJ45 10M/100M Ethernet Port Wifi (802.11n) Bluetooth (4.0)
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Functions

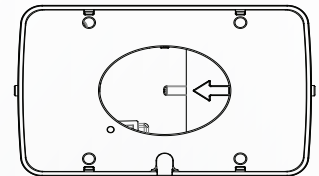
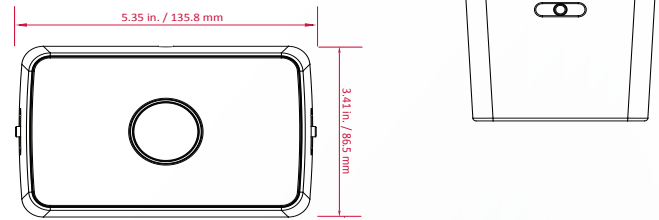
Local Storage:	Built-in Micro SD (SD/SDHC/SDXC) up to 64GB
Automatic Tilt Angle Detection:	Supported
Security:	Muti level access with password protection
Protocols:	TCP/IP, HTTP, HTTPS, FTP, UDP/IP, RTSP, RTP, UDP, RTP/TCP, mDNS, UPnP, SMTp, DHCP, DNS, NTP, IPv4, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP
System Compatibility:	ONVIF (Profile -S)

Physical

Working Teperature:	0°C - 50°C (32°F - 122°F)
	Humidity 85% max (non-condensing)
Dimensions (inches):	5.35 in (L) x 3.46 (H) in, Dome 2.66 in (H)
Dimensions (mm):	135.8 mm (L) x 87.8 mm (W) x 67.5 mm (H)
Weight:	2.1 lb / 970 g

Electrical

Power Supply	12 V DC ± 10%; PoE 802.3 af
Power Consumption	Max 9.6W



Part Number

Part Number	VX-VTOF-01
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Advanced Analytics (Included)

- Size-based Object Classification
- Detection Behavior; Direction, Stopping, Loitering
- Entering, Exiting, Appear, and Disappear Filters
- Speed Filters

Warranty

Three (3) years

Recommended Mounts

VX-VTOF-BPT	Pan / Tilt bracket
VX-VTOF-BPM	Pendant Mount Bracket