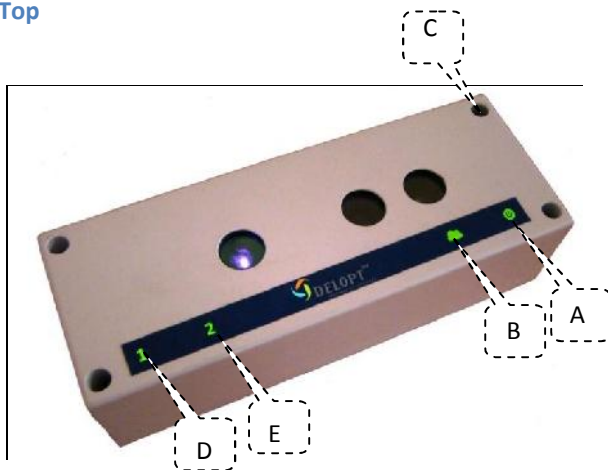


## RoboVision3D Unit Specifications

### Pictures

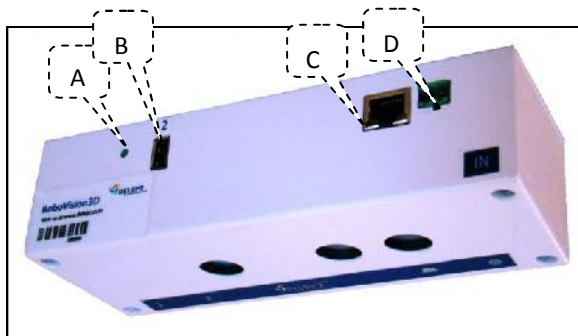
<b>Dimensions</b>	192 mm X 72 mm X 50 mm.
-------------------	-------------------------

### Top



Label	Description
A	Power Status
B	Internet Status
C	Mounting Screws Locations
D	Internal 3D Sensor Status
E	Add-On 3D Sensor Status

### Side



Label	Description
A	Reset Button
B	Add on sensor USB Port
C	Power over Ethernet port
D	Auxiliary power supply

## Field Planning Tool

Feature	Description
Sensor location field planning tool	108.168.153.83:90/Robovision

## Electrical and Mechanical Specifications

Feature	Description
Dimensions	192 mm X 72 mm X 50 mm.
Indoor/Outdoor	Indoor.
Sensor Technology	Active infrared 3D.
Onboard RGB Video Camera	Yes, for proof of accuracy and configuration.
Power over Ethernet	Yes, 802.3af compliant.
Auxiliary Power Supply	Optional, 24V, 3A universal DC power supply, Included with the unit upon separate order.
Enclosure	Aluminium. (White Plastic available from April
Mounting	Ceiling Mount.
Operating Temperature	0 degree Celsius to 40 degree Celsius.
Storage Temperature	-10 degree Celsius to 40 degree Celsius.
Additional Sensors Supported	One additional sensor supported via USB
Serial I/O interfaces	1. Four input and four output pins. 2. RS 232. 3. RS 422 or RS 485 is available on request.
Status LEDs	LED indications available to display the status of Power, Internet and Sensors.
Unique Unit ID	Available as a serial number located on a sticker on the unit.
Reset button	Restarts the unit upon a press of <5s. Resets the unit's default IP to 192.168.10.101 upon a press of duration longer than 10s.

## Software Specifications

Feature	Description
Auto configuration mode	“Fix and forget” mode. No configuration is needed by the installer in this mode.
Coverage extension though Multiple Sensor Overlap	Accurate counting in overlap zones. The two sensors supported by each unit can be set up for overlap counting. Tracking happens across the overlapped cameras.
Number of Count Lines per Sensor	Four.
Counting with Multiple Segment Count Lines	Yes.
RGB Video Recording for Accuracy Proof	Yes. User driven.
Dual Line Counting	Yes. Counting line hysteresis.
Adult and Child Counting	Classification into adults and children.
Web based Configuration Interface	Java based UI.
Local Network Discovery	UPnP Support.
Remote Management	Yes, through VPN interface.
Exclude Shopping Carts during Counting	Available.
Exclude Floor regions from counting	Yes.
Exclude specified heights from detection and counting	Yes.
Group multiple count lines as a single door	Yes.
Scheduled counting times	Yes.
Metric System Or English units Support	Available.
Floor Exclude regions	Available.
Height Exclude regions	Available.
Couple Counting	Available from Q2 2014.
Group Counting	Available from Q2 2014.
Accurate Line dancers counts	Available.
Queuing and Dwell time	Available Q2 2014.
Scheduled Video Recording for Video Proof	Available.

### People Counting Accuracy Specifications

Feature	Description
Technology	3D Active Infrared Vision.
Counting Accuracy	98%+ accurate under normal walking conditions.
Minimum Light Requirement	None, counts in total darkness.
Mounting Height Range	2.4 to 5 meters.

### Remote Data Dispatch Specifications

Feature	Description
Data Dispatch to Cloud server	Complete integration with Reports Anywhere
Remote Management	Secure VPN access for configuration and management is also integrated with
Health Status Management	Health Status Information is available in Reports Anywhere software.