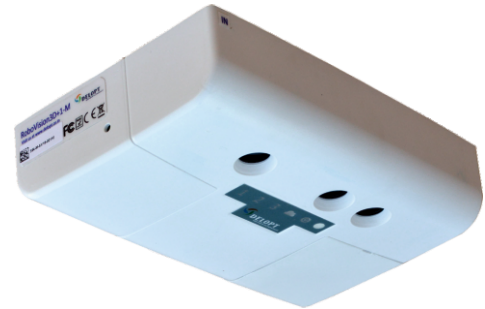


RoboVision3D+1 Unit Specification

RV3D+1 Master

Robovision 3D+1 uses 3D vision technology and offers unparalleled counting accuracy. Even in low light or complete darkness. Retailers and various facility operations benefit from the accurate traffic counts provided by Robovision 3D+1.



RV3D+1 Slave

RV3D+1 Slave unit compliments in combination with Master device to enhance coverage of counting area. Fully dependent on the master unit, the combination optimizes investment cost substantially.

Accurate Counts for Precise Decision..!

RV3D+1 Master : Electrical and Mechanical Specifications

Feature	Description
Dimension	177 mm X 122 mm X 42 mm (L X W X H)
Indoor/Outdoor	Indoor
Sensor Technology	Active infrared 3D
Power over Ethernet	Yes, 802.3af compliant
Auxiliary Power Supply	Optional, 48V, 3A universal DC power supply, Not Included with the standard packing
Enclosure	ABS Plastic, Metal base plate
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 interface
Serial I/O interfaces	1. Four input and four output pins 2. 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.
USB interfaces for wireless data connectivity (WLAN, 3G/4G)	Available for selected make. (Refer user manual)

RV3D + 1 Slave : Electrical and Mechanical Specifications

Feature	Description
Dimension	177 mm X 122 mm X 42 mm (L X W X H)
Functioning	RV3D + 1 Slave unit fully depends on master unit to perform counting function. It can work independently

Software Specifications

Feature	Description
Auto configuration mode	“Fix and forget” mode. No configuration is needed by the installer in this mode.
Coverage extension through 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	Five
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 (Based on Height)
Web based Configuration Interface	HTML5 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
Accurate Line dancers counts	U-turn enable option
Scheduled Video Recording for Video Proof	Max.3 recording of one hour interval

People Counting Accuracy Specifications

Feature	Description
Technology	3D Active Infrared Vision
Counting Accuracy	98%+ accurate*
	* RV3D+1 performed 98%+ accurately under ideal indoor condition of height, width and moving crowd pattern

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 ReportsAnywhere software.
Remote Management	Secure VPN access for configuration and management is also integrated with ReportsAnywhere
Health Status Management	Health Status Information is available in Reports Anywhere software

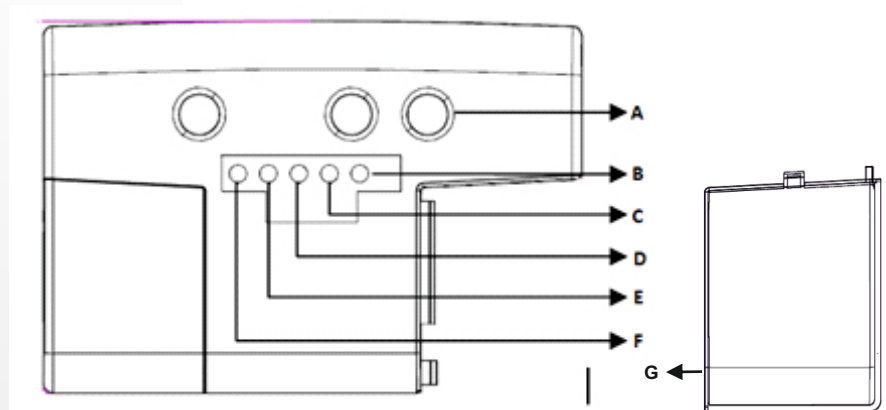
Field Planning Tool

Feature	Description
Sensor location field planning tool	http://delopt.interactivedns.com:90/Robovision

Physical Features

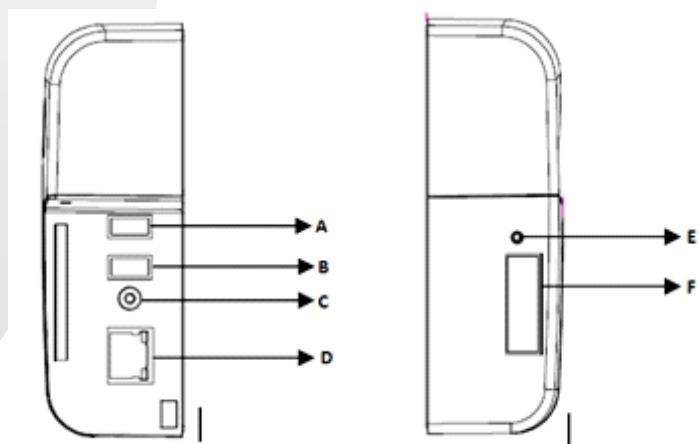
Top View

Label	Description
A	Sensor Window
B	Power Status LED
C	Internet Status
D & E	Add-On 3D Sensor Status LED
F	Internal 3D Sensor Status LED
G	Cable Shroud / Cover



Side View

Label	Description
A & B	Add-On 3D Sensor USB Ports
C	Auxiliary Power Supply
D	PoE/Ethernet (Power over Ethernet)
E	Reset Pin
F	Digital IO (Input/Output)



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- ▶ Quality Management System
- ▶ ISO 9001:2008
- ▶ CE / FCC Certification for RV3D+1

▶ Industrial License

For Design, Development, Manufacturing and Upgrade of Electronic Embedded Systems for Avionics, Shipborne applications, Electro-optics systems, security & surveillance Products & Solutions, repair, maintenance and overhaul