RV3DUltra Unit Specifications

Dimensions	173mm X 173mm X 72mm
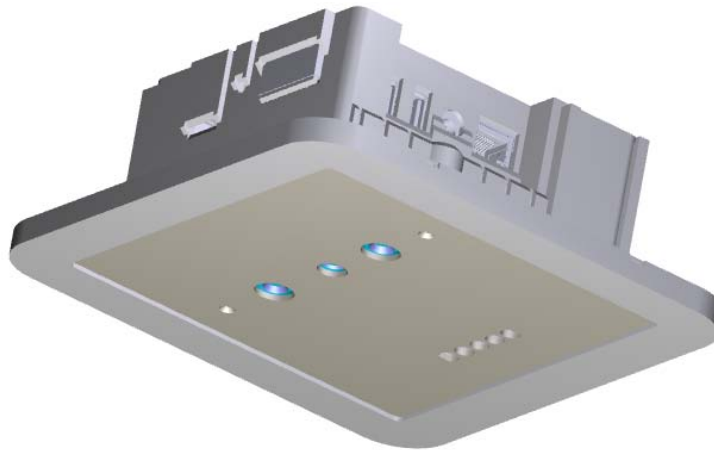
Field Planning Tool

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

Electrical and Mechanical Specifications

Feature	Description
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, Included with the unit upon separate order.
Enclosure	ABS Plastic and Metal.
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 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 3G data connectivity	For select Wireless Data

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.
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.
Floor Exclude regions	Available.
Height Exclude regions	Available.
Accurate Line dancers counts	U-turn enable option
Scheduled Video Recording for Video Proof	3 one hour recordings
WiFi/BLE	Yes, Onboard
	BLE for future ready applications

Feature	Description
Staff Exclusion	Future Ready

People Counting Accuracy Specifications

Feature	Description
Technology	3D Active Infrared Vision.
Counting Accuracy	98%+ accurate.
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 DELBI software.
Remote Management	Secure VPN access for configuration and management is also integrated with DELBI.
Health Status Management	Health Status Information is available in DELBI.