

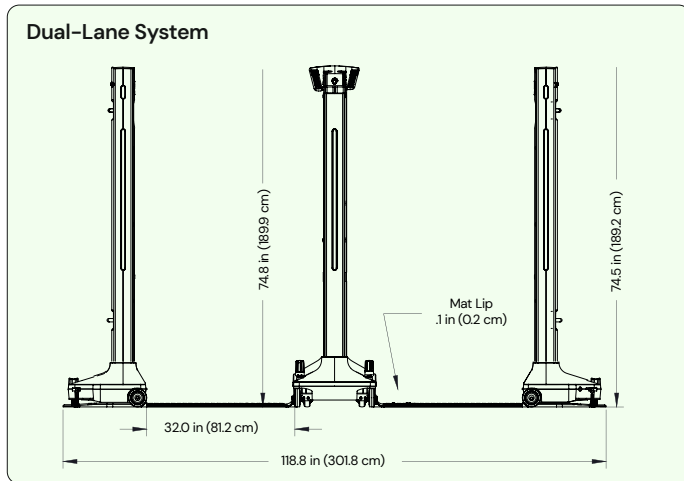
Specification Sheet

Evolv Express (Gen2)

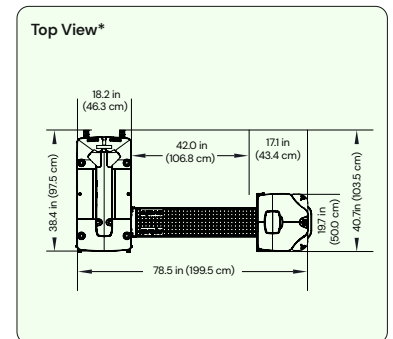
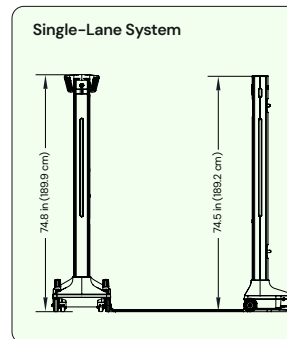
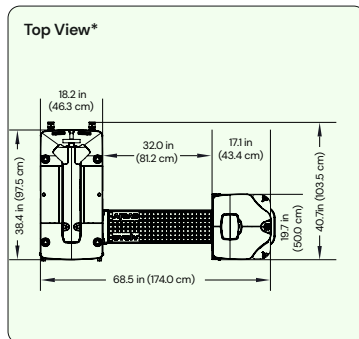
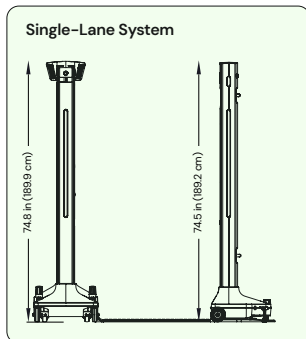
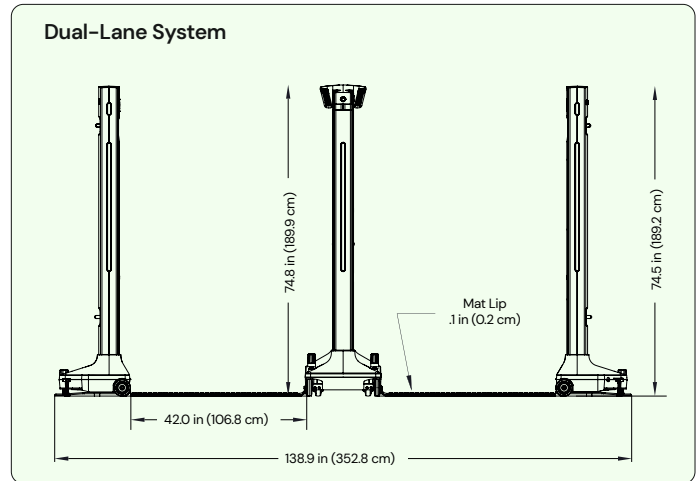
Indoor/Outdoor System



Standard Mat



Wide Mat



*Note: This is a portion of the dual-lane system and the other lane is a mirror image

Specification Sheet

Evolv Express (Gen2)

Indoor/Outdoor System

Standard Mat

Physical Specifications		
Dimensions	Depth	40.7 in (103.5 cm)
	Width	Dual-lane: 118.8 in (301.8 cm) Single-lane: 68.5 in (174.0 cm)
	Height	74.8 in (189.9 cm)
	Weight	Dual-lane: 317 lbs (144 kg) Single-lane: 240 lbs (109 kg)
	Mat Lip	0.1 in (0.2 cm)
	Mat Height	0.7 in (1.7 cm)
Lane Opening	Width	32.0 in (81.2 cm) per lane
Throughput		Dual-lane: Up to 3,600 people per hour Single-lane: Up to 1,800 people per hour
Power	Voltage	100 VAC – 240 VAC (+/-10%)
	Phase	Single phase
	Draw	200 watts (typical)

Wide Mat

Physical Specifications		
Dimensions	Depth	40.7 in (103.5 cm)
	Width	Dual-lane: 138.9 in (352.8 cm) Single-lane: 78.5 in (199.5 cm)
	Height	74.8 in (189.9 cm)
	Weight	Dual-lane: 317 lbs (144 kg) Single-lane: 240 lbs (109 kg)
	Mat Lip	0.1 in (0.2 cm)
	Mat Height	0.7 in (1.7 cm)
Lane Opening	Width	42.0 in (81.2 cm) per lane
Throughput		Dual-lane: Up to 4,000 people per hour Single-lane: Up to 2,000 people per hour
Power	Voltage	100 VAC – 240 VAC (+/-10%)
	Phase	Single phase
	Draw	200 watts (typical)

Read the full Health & Safety Doc here. Scan the QR code.



Environmental Specifications

Operating Temperature:	Min: -4°F (-20°C), Max: +131°F (+55°C)*
Storage Temperature:	Min: -40°F (-40°C), Max: +158°F (+70°C)
Relative Humidity:	Up to 95% (non-condensing)
Ingress Protection Rating:	IP55
*Shaded cover from direct sunlight required at elevated temperatures	

Specification Sheet

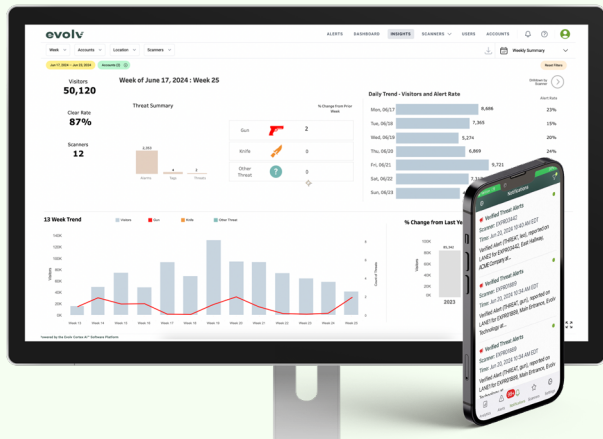
Evolv Express Software

Tablet Home Screen



Tablet home screen shows one-touch request assistance, operator position, user ID, battery status, connectivity status, system configuration, date/time, system serial number, and software version.

Evolv Insights®



Evolv Insights® is designed to provide security teams with powerful web and mobile control over their systems along with visual dashboards, analytics, and regular automated reports intended to drive operational efficiency. Insights is accessible via the MyEvolv web portal and mobile app.

The data used is fictitious and only used to illustrate some of Evolv Insights analytical views and reporting elements offered in the Evolv Express system. No conclusions should be drawn from this data.

Wireless Tablets	
Quantity	• 2 per lane included, with 1 floor and 1 desktop stand • Up to 4 tablets may be used per lane
Size	• Indoor/outdoor 10-inch battery-powered tablet
Available Accessories	• Extra 90W batteries • 6-slot battery charger • 1-slot battery charger

Other Specifications	
Optional Accessories & Add-Ons	• Additional wireless tablets with floor or desktop stands • Ability to customize graphic panels • Operational Test Kit • Front and rear situational awareness cameras*—for integration with existing Video Management System (VMS) • Transmit tower mobility handle • Storage covers • Underfloor cable kit • Access control interface kit
Available Integrations	• Built-in integrations with Milestone VMS, Genetec VMS, Titan HST MNS • Evolv Integration Open API • Integrations via Open API with 24/7 Software and Raven Controls
Analytics Portal	• Easily access and visualize your security screening system performance, visitor flow, event type details, location specific performance and more • Self-serve dashboards include Threat Map, Live Screening, Performance Summary, Alert and Timeline Analysis, Event Category Analysis, and Sensitivity Setting, What-If Analysis and more • Receive post-event, daily, weekly and monthly summary reports that are automatically generated and emailed after each event or day
Mobile Application	• Android- and iOS-compatible mobile application, with access to the portal and analytics
Health & Safety	• IEEE C95.1-2019 Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz • ICNIRP Guidelines for Limiting Exposure to Time-Varying Electric and Magnetic Fields 2010 (1 Hz – 100 kHz) • NRTL-certified in accordance with UL 61010-1, CSA 61010-1, and EN 61010-1 • CE mark • FCC CFR Part 15 • Americans with Disabilities Act (compliant access) • RoHS (restriction of the use of certain hazardous substances in electrical equipment)
*Camera feeds are isolated from Express internal and external networks	