



silentTRACK

DYNAMIC • SILENT • ACCURATE

The **silentTRACK Camera Dolly** is a high-performance motion system for broadcast and studio productions, delivering **exceptional smoothness, precision, and near-silent operation**. Each system comes **pre-assembled with the silentTRACK D1 dolly, the Altitude EC1-940 actuator, and the frameACE robotic head**, providing a **ready-to-use robotic tracking solution**.

Driven by **gearless Omega Belt Drive technology**, silentTRACK offers **backlash-free, maintenance-light performance**, ideal for **acoustically sensitive environments**. With a **maximum speed of 1500 mm/sec (59.1 in/s)**, and **position repeatability of 0.5 mm (0.02")**, it ensures reliable and accurate camera movement for demanding productions.

Designed for **flexibility**, the system supports both **floor-mounted and ceiling-mounted (silentTRACK D1 SKY)** configurations, making it suitable for a wide range of studio layouts and production needs.

Built-in **emergency stops and optional LiDAR safety scanner, safeSCAN** with adaptive safety zones help meet **EU Machinery Directive 2006/42/EC and ISO 13849**, ensuring operator and bystander protection.

The system includes a **fanless industrial PSU**, an integrated **patch panel, auxiliary mains outlet**, and a **low column mount** supporting vertical camera moves from **960 mm (37.8") to 1900 mm (74.8")** (floor to tilt-axis center).

silentTRACK is the ideal solution where **silent, smooth, and intelligent robotic motion** is critical to production quality.

Dimensions W x D x H:	990 mm (39") x 940 mm (37") x 1080 mm (42.5")
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Gross Weight:	Approx. 120 kg (265 lbs)
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Environmental:

Operating Temperature Range:	0°C - 40°C (32°F - 104°F)
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Operating Relative Humidity Range:	8% - 90% (non-condensing)
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Power requirements:	90~264 VAC, 47 ~ 63Hz. Power 1500 W (Peak)
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silentTRACK D1:

Track width:	620mm (24.4")
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Minimum inside radius of curved track:	1500 mm (59.1")
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Max number of Dollies per track:	2
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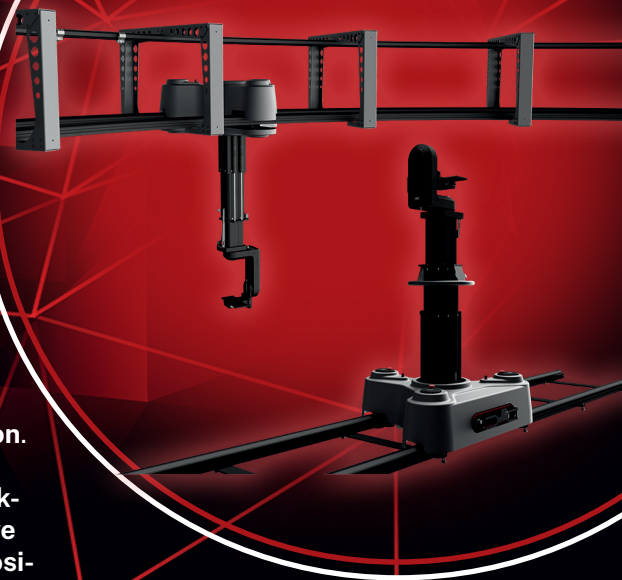
Max speed:	1500 mm/sec (59.1 in/s)
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Position Resolution:	0,045 mm (0.002")
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Position Repeatability:	0,5 mm (0.02")
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Technical specification for Altitude-EC1-940 & frameACE in separate datasheet

All specifications are subject to change at any time without notice.



ORDERING INFORMATION

silentTRACK kit Floor:
SKU: 4012-100-10120

silentTRACK D1 Floor:
SKU: 4010-100-10040

Altitude-EC1-940 Floor:
SKU: 4010-100-10020

frameACE DD110:
SKU: 4010-100-10010

silentTRACK kit Ceiling:
SKU: 4012-100-10130

silentTRACK D1 Ceiling:
SKU: 4010-100-10050

Altitude-EC1-940 Ceiling:
SKU: 4010-100-10030

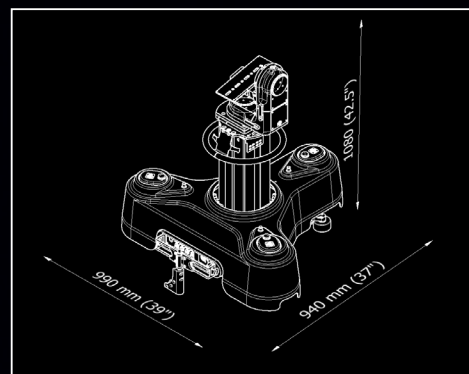
frameACE DD110:
SKU: 4010-100-10010

SUPPORT & WARRANTY

Standard Warranty:
1 years hardware warranty

Extended Support:
Available upon request

Software Updates:
Free updates for the first year



To learn more about our solutions, visit:

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