

Military & Defense

Cortron DuraTrack Trackball

Cortron DuraTrack trackballs are available to meet a variety of rugged applications. The highly ergonomic designs of the trackballs and integrated button actuators promote maximum operator efficiency by significantly reducing the keystroking movements and accompanying stress typically associated with intensive human machine interfaces. Cortron trackballs can be configured to be part of an installation with a keyboard or stand-alone. We have designed our products to be rugged and modular in nature with size, mounting, backlighting, and other options.



TECHNICAL SPECIFICATIONS

Trackball Sizes	1-3/8", 2", or 2-1/2"
Buttons	Multiple Configurations dependent on Model & Installation
Backlighting	Available Green, Red, Yellow, White, Blue, NVIS Green A or B. Low Power backlighting.
Interfaces	USB, SUN USB, PS2, other interfaces upon request
Connections	Bulkhead or Attached Cable (Various Lengths): 9-Pin D-Sub, USB, MIL Circular, or Custom
Enclosures & Mounting	Durable metal enclosure with scratch resistant finish or plating. Panel, Table, Rack, or Custom Mounting.
Colors	Standards are Black, Navy gray, Army green, and off-white; Custom colors are available upon request
Power	Logic +5VDC @250mA (no backlighting), @450mA (low-level backlighting) OPTIONAL: +24 to +28VDC, MIL-STD-704
Temperature	STANDARD: -20°C to +70°C (Operating) & -40°C to +70°C (Storage) OPTIONAL: -40°C to +71°C (Operating) & -55°C to +85°C (Storage)
Enclosure Sealing	STANDARD: NEMA 4 & IP65, MIL-STD-810/108 15° Inclination, MIL-STD-810 for Sand & Dust OPTIONAL: NEMA 6 & IP67, MIL-STD-810 1m Submersion
Shock	STANDARD: MIL-STD-810 @30g OPTIONAL: MIL-S-901D, Grade A Class I, Type A
Vibration	MIL-STD-810, MIL-STD-167-1
EMI/EMC	MIL-STD-461, IEC60945
ESD	STANDARD: EN61000-4-2, 6kV Contact Discharge, 8kV Air Discharge OPTIONAL: DO-160, 18kV
Environmental (Other)	MIL-STD-810 for Humidity, Salt Fog, Decompression, Noise
Dimensions & Weight	Varies dependent on options selected, refer to Cortron EMK Drawing
MTBF	100,000-200,000 hours, typical, 25°C Ground Benign, MIL-HDBK-217
Workmanship	STANDARD: MIL-STD-454, IPC-610 Class 2 OPTIONAL: IPC-610 Class 3 or J-STD001 Class 2 or 3

Looking for different specifications to meet your application needs? We are specialists in custom engineered solutions.

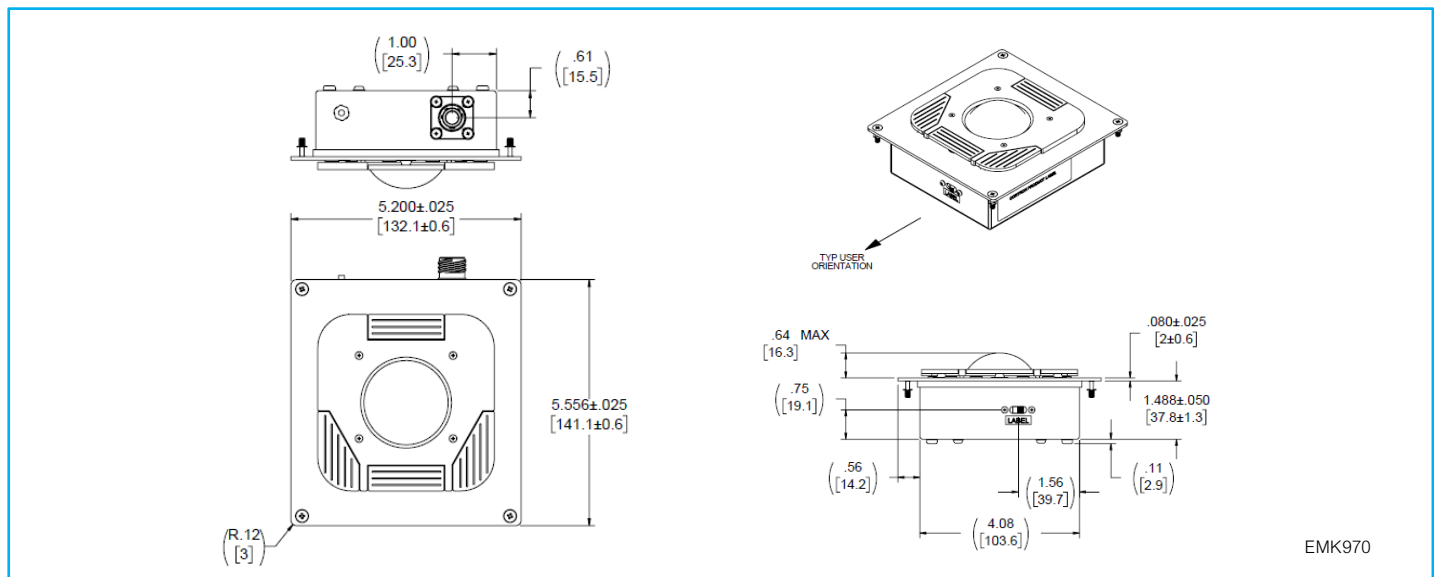
Contact us to learn more ... insidesales@comarkcorp.com



Cortron DuraTrack Trackball

Similar to all Cortron HMI Devices, the DuraTrack offers many options and configurations to meet your program requirements. Mounting options include table-top (with feet or bolt down configuration) or mounting flange for panel mount installation. The DuraTrack can be integrated into most Cortron Keyboard models. The following are typical mechanical designs for the DuraTrack, contact Cortron for specific dimensions for your application requirements.

Cortron Model T20D – Panel Mount 2” Trackball



Cortron Model T25 – Tabletop 2.5”

