

M-Track Pro

The Next Generation of Trackball Technology



- Developed for a Variety of Applications
- Hybrid Touch-Track Technology
- Unrivalled Functionality
- Enhanced Workflow Efficiency
- High Level of Sealing
- Fully Flexible/Customisable
- Multiple Patented Features
- Unique Ball Retention
- Easy to Clean/Sterilise
- Modular Design

As part of their ever-expanding range of product offerings, Cursor Controls are delighted to introduce the leading edge M-Track Pro module – the world’s most sophisticated and hygienic hybrid trackball/touch input solution.

Combining over 60 years of trackball solution experience with feedback gained from consultation with system manufacturers, industry experts and clinicians/end users, Cursor Controls have developed their most advanced input solution yet – the M-Track Pro range. Benefitting from multiple patented features/technologies – with additional patents pending – the M-Track Pro offers unrivalled functionality and unparalleled customisation options delivering enhanced workflow efficiency in a remarkably cost effective package.

Leveraging and harnessing the inherent advantages of touch based solutions, alongside the ever intuitive and supremely accurate sealed trackball, the Hybrid Technology M-Track module includes no moving parts other than the ball itself and offers a unique ball retention system to allow for straightforward, quick, and seamless servicing and decontamination – making it the world’s most easy to clean trackball solution.

As standard, the M-Track modules combine a highly flexible/customisable touch-technology element alongside the leading edge, sealed trackball technology – offering a widely capable modular input solution that can be adapted to fit even the most compact of space envelopes. In addition to the standard configurations, the M-Track Pro offers a wide range of customisation options and enhanced features that can be combined to suit even the most demanding of applications.

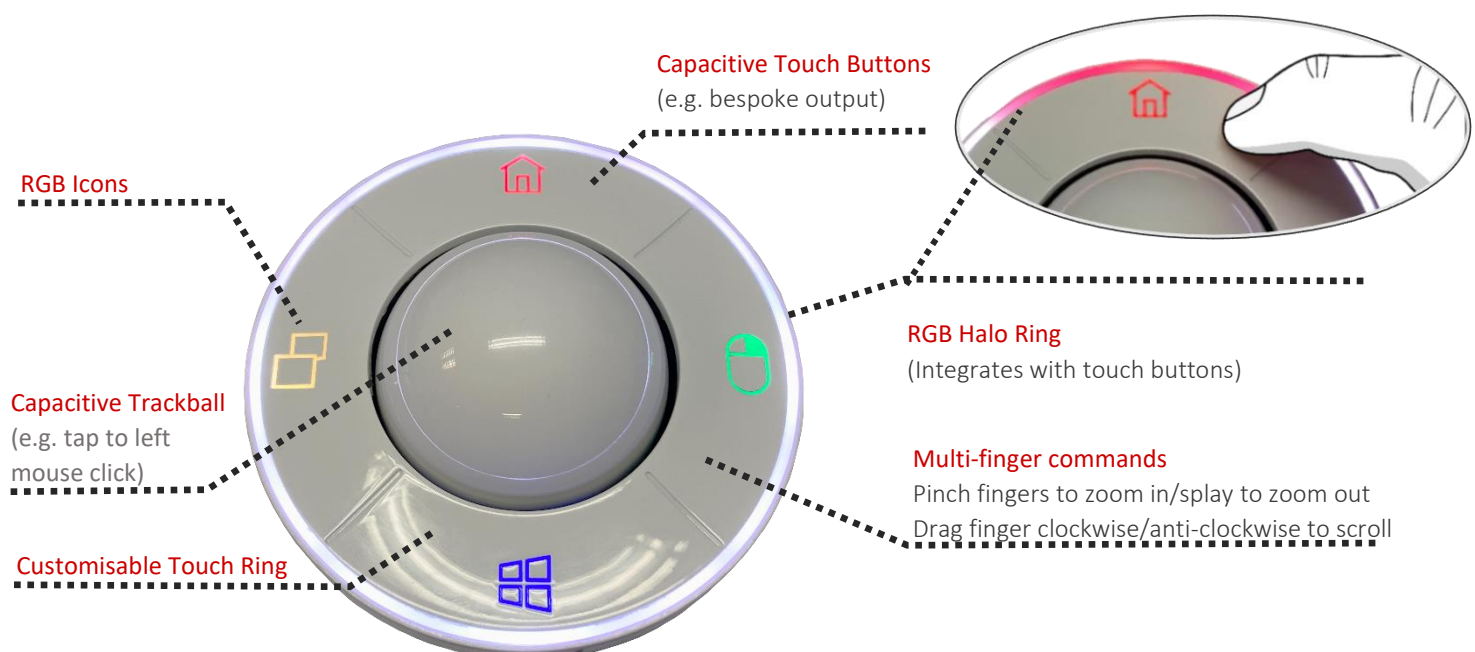
Product Features

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PRODUCT FEATURES

- Single continuous surface to aid cleaning, decontamination and sterilisation, reducing build-up of bacteria/debris.
- No moving parts other than the ball
- Composite USB electrical interface (keyboard and mouse)
- Multiple patented and patent pending technologies and constructions providing;
 - Sealing up to IP68
 - Featureless ball retention system for quick/easy removal of ball for cleaning purposes
 - Large ball exposure for enhanced control and precise cursor motion
 - Latest generation contactless tracking technology
 - Magnetic technology for consistent ball rolling force
- Capacitive touch technology providing
 - Button touch zone features
 - Trackball 'tap to click' capability
 - Full touch gestures including Scroll and pinch to zoom
 - Latest generation multi-Encoder functionality
- Supports dedicated button functionality within touch zone including
 - Keyboard and mouse shortcuts
- RGB, Haptic and Audible feedback tailored to specific touch zones and functionality

M-TRACK PRO Example Demo Module



Customised Solutions

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The M-Track Pro is a fully flexible trackball solution offering the following customisation options;

- Custom overlay technology
 - Plastic and glass overlays
 - Antimicrobial components
- Custom electrical interfaces;
 - “Host control” features such as custom HID to allow for system control of features including backlight colour/intensity and trackball resolution.
 - Custom keyboard and mouse commands
 - Customisable haptic and audible feedback
- Fully customisable layouts for application dependent solutions;
 - Options on button quantity and locations
 - Custom mounting arrangements/styles
 - Full flexibility with trackpad size, location, layout and functionality
 - Option to include multiple Encoder outputs from the integrated touch ring
- Custom backlighting options;
 - Single colour button illumination
 - RGB button illumination
 - RGB halo illumination
- Custom ball colours



For further details regarding the full range of customisation options, please contact sales@cursorcontrols.com

Cursor Controls Ltd is the recognised world leading expert in trackball and input solutions for human machine interface applications and has been supplying the military, marine, medical and industrial markets since the 1940s. For further details regarding the complete product range, please visit cursorcontrols.com

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Inventors and Innovators of HMI Solutions