

# R200 series

## Removable Bezel Trackball



### DISTINCTIVE FEATURES

2.00" diameter thermoset phenolic ball

Removable bezel

USB 2.0 protocol

Available with backlit illumination

Additional button strips available



### ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -15 °C to +70 °C (-5 °F to +158 °F)
- Storage Temperature: -32 °C to +75 °C (-25.6 °F to +167 °F)



### ELECTRICAL SPECIFICATIONS

- USB: Input: 4.75 V - 5.25 V @ 25 mA max Output: USB 2.0

Note: All values are nominal.



### MECHANICAL SPECIFICATIONS

- Dimensions: 2.36" W x 2.36" D x 1.51" H
- Mechanical: 5,000,000 180° rotations with 6 ounces of vertical force
- Mounting position: 180 °horizontal to 90° vertical
- Mass/Weight: 235.5 g (8.31 oz)
- Ball diameter: 2.00" (50.88 mm)
- Ball rotation: 360°
- Tracking force: 10 g (0.35 oz)



### MATERIALS

- Housing: Glass filled nylon
- Ball (black): Thermoset phenolic resin  
(clear): Translucent thermoset resin
- Shafts: Polished stainless steel
- Bearings: Encased stainless steel

The company reserves the right to change specifications without notice.



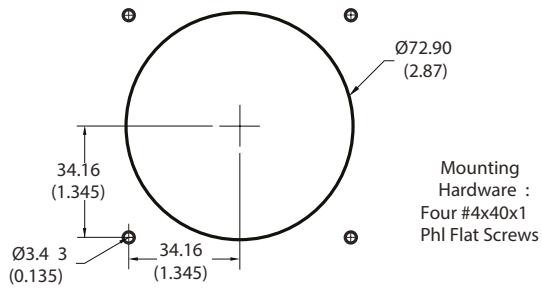
# R200 series

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### MOUNTING

- 180° horizontal to 90° vertical



### CONFIGURATION OPTIONS

- LED backlighting: Clear through a translucent thermoset resin ball

Additional pushbutton switch: Two or three buttons

- Connector cables

# R200 series

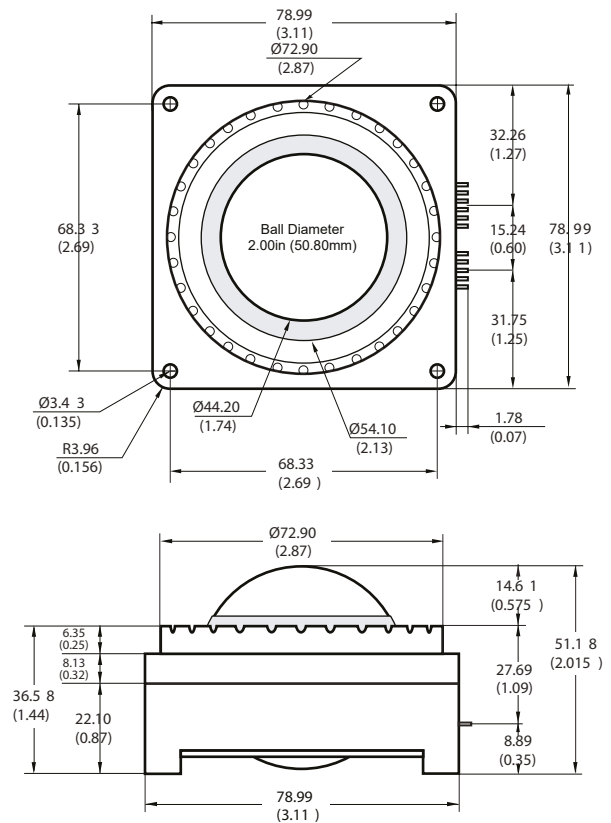
Removable Bezel Trackball



## BUILD YOUR PART NUMBER

SERIES	MODEL	PROTOCOL FORMAT	MOUNTING POSITION	RESOLUTION	POWER REQUIREMENT	ILLUMINATION
<b>R</b>	<b>200</b>	<b>7</b> USB 2.0	<b>F</b> Level to 45° <b>N</b> Level to 90°	<b>10</b> 120 DPI <b>20</b> 240 DPI <b>30</b> 480 DPI	<b>V00</b>	<b>C</b> Clear <b>Blank</b> None * * Black ball

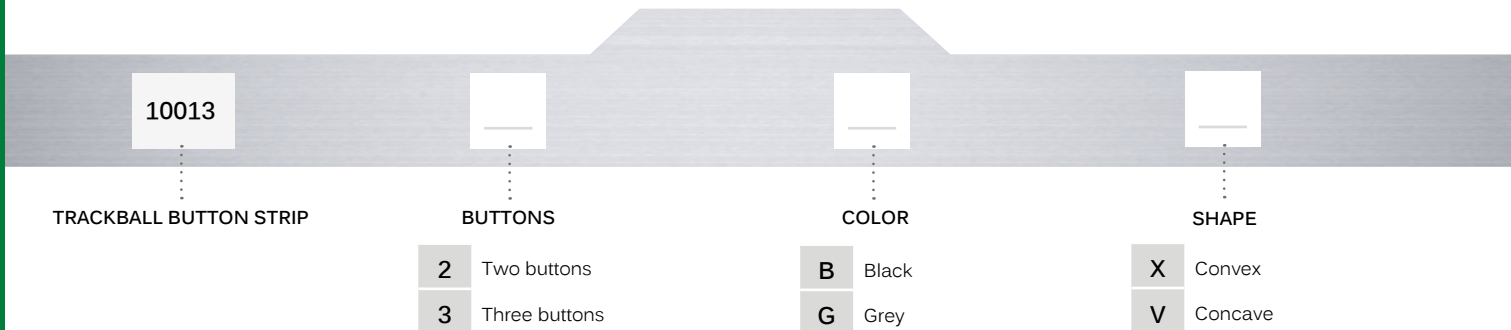
## DIMENSIONS



# R200 series

Removable Bezel Trackball • Button strip

## BUTTON STRIP CONFIGURATION

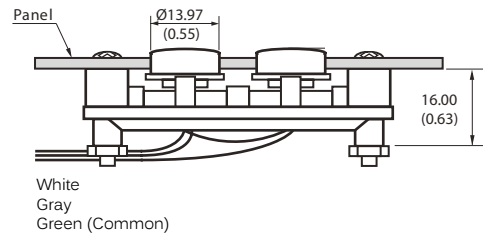
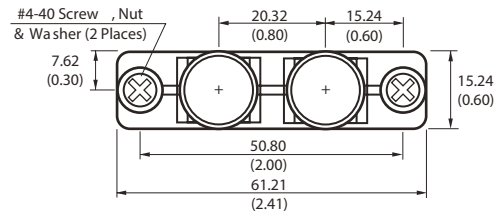


- Two or three buttons
- Tactile feedback
- Normally open momentary contact switch
- Black or grey buttons, choice of convex or concave

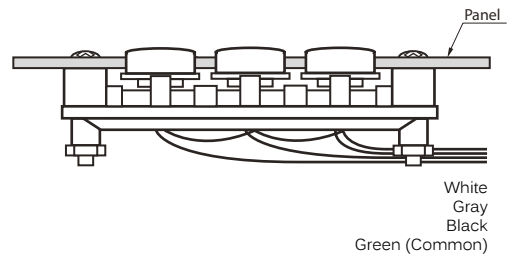
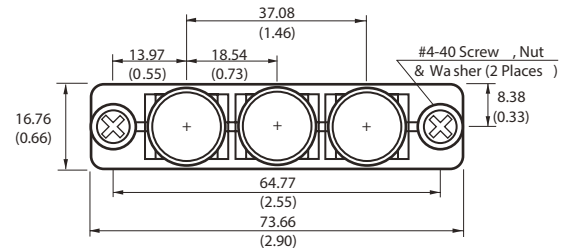
### BUTTON STRIP - TWO BUTTONS



### BUTTON SHAPE



### BUTTON STRIP - THREE BUTTONS



All dimensions are in mm / (inch).