



Operator Interface

T E C H N O L O G Y

Rugged Keypads and Keyboards

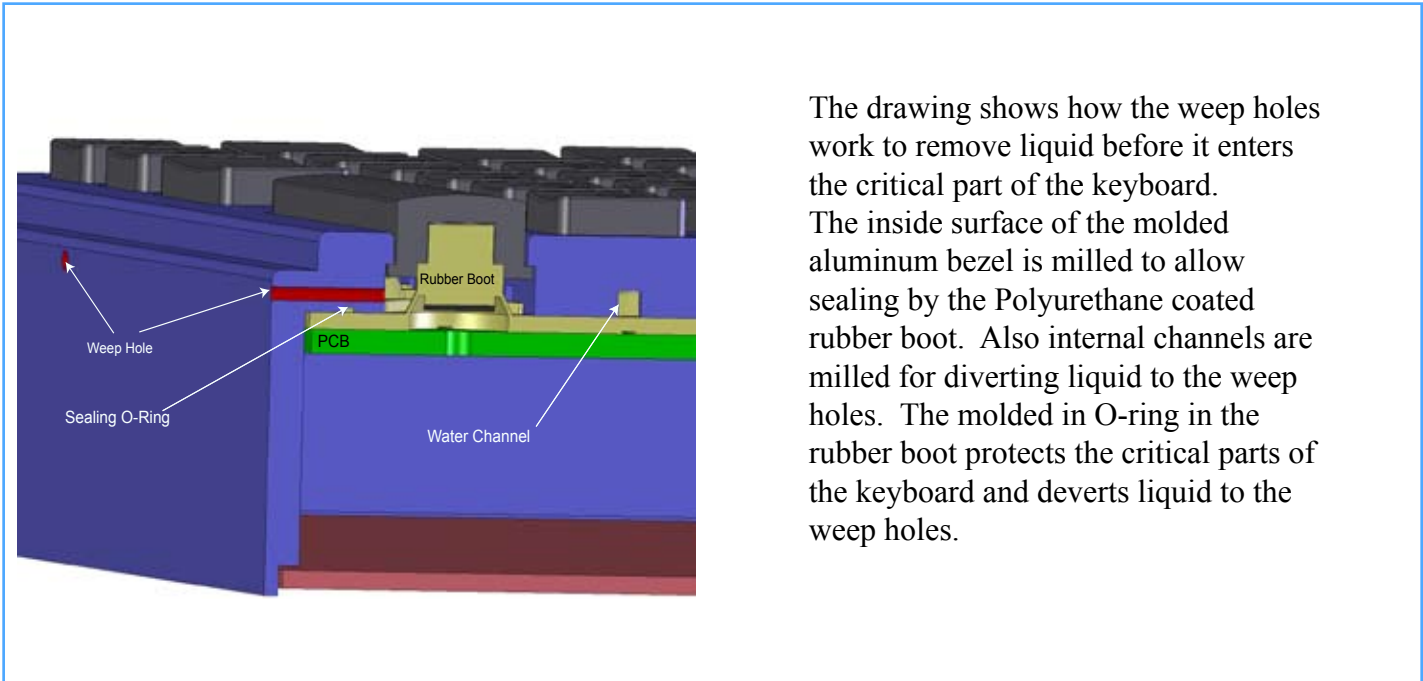
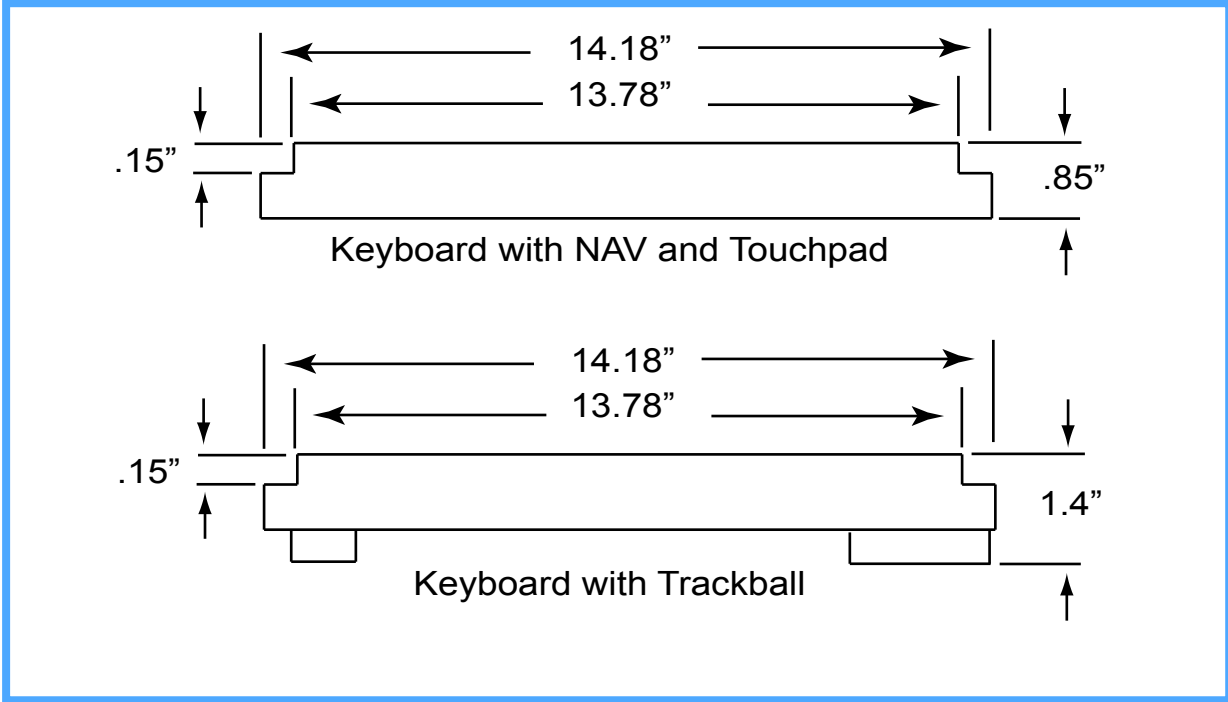
## Ultimate Rugged Keyboard



Powder coated aluminum bezel with chrome plated zinc keys and stainless steel trackball

- Hospitals
- Kiosks
- Public environments
- Military
- Manufacturing
- Vandal resistant
- Panel mount or desktop
- High speed USB or PS2
- Weep-hole design
- Sealed to NEMA 4/IP65
- Stainless steel trackball
- Standard key spacing
- Programmable features
- Hidden functions





The drawing shows how the weep holes work to remove liquid before it enters the critical part of the keyboard. The inside surface of the molded aluminum bezel is milled to allow sealing by the Polyurethane coated rubber boot. Also internal channels are milled for diverting liquid to the weep holes. The molded in O-ring in the rubber boot protects the critical parts of the keyboard and diverts liquid to the weep holes.





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# Ultimate Rugged Keyboard

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Rugged Keypads and Keyboards

OIT has created the **Ultimate Rugged Keyboard** for kiosks, hospitals and other severe public environments. The captive design of the keys makes it virtually impossible to remove the keys after installation of the keyboard. The key legends are molded in so they can never wear off. The weep hole design of the keyboard evacuates all liquid before it can enter the internal portions of the keyboard. The trackball has a impact resistant design and also has a Teflon® sealing ring for smooth operation and a perfect seal.

## Technical Specifications

### Dimensions

Overall 14.18" (360mm) x 4.66" (118mm) x 1.4" (35.5mm)  
Cut-out 13.78" (350mm) x 4.26" (108mm)  
Height of NAV and Touchpad is .85"

### Keys

Tactile feel  
Switch life 4 Million  
Key travel .080" (2mm)  
Nominal key force 100 grams

### Communication

High speed USB (one cable)  
PS/2 (two cables)  
Auto-boot (no driver needed)

### Environmental

FCC Part 15 emissions  
Sealing NEMA 4/IP65  
Operating temperature -51°C to 85°C

### Trackball

Impact resistant design with Teflon® seal  
Stainless steel ball

