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Alphanumeric Keyboard with Trackball ZT599-L Specification

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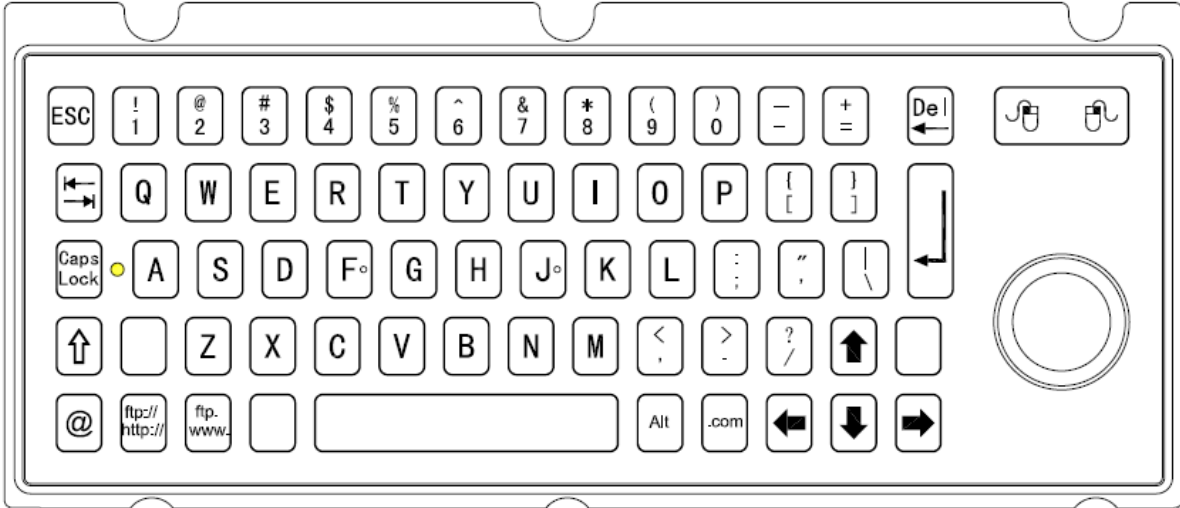
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1. Feature

- Alphanumeric keyboard with Trackball is designed according to IP 64 level with functions water-proof, dust-proof, vandalism-proof, referring to the standard ISO/IEC 9995 standard and GB/T 14081; the trackball part is produced with new and high strength engineering material and new workmanship, applied high recognition optics principle, the trackball can reach the IP67 level.



Front



2. Application Field

- Financial device: financial information kiosk, queueing kiosk, internet contact
- Public device: Auto-dispensing retail Machine、 Auto-ticket dispensing machine、 Telecommunication kiosk, Information kiosk, gaming machine, queueing kiosk, direction guiding machine and so on.

3. Electrical feature

- Alphanumeric keyboard with standard characters: 65 standard buttons
- Referring standard: ISO/IEC 9995 and GB/T 14081 standard
- Communication interface: it has USB-HUB for extended function, alphanumeric keyboard has USB-B interface, trackball has USB interface, additional two USB-A interface (USB-HUB) is for the connection with other device. Numeric keyboard can select PS/2 interface (this request should be put up before placing the order)
- Work consumption: <0.2W, when the voltage for backup USB connector is not enough, USB-HUB can be connected with external power supply DC12.
- Trackball: 2 keys (right and left) , any one key can be disabled on request.
- Trackball type: optical trackball
- Applicable Operation System: windows98SE、 windows2000、 windowsXP, NT
- Speed change of Cursor: press right and left keys for 3s at the same time, the speed can be randomly shifted between 800-1600-2400 by changing DPI.
- Electromagnetic compatibility: to be compliant with the standards including EN55022:1998+A1:2000+A2:2003、 EN55024:1998+A1:2001+A2:2003.
- ESD: contact discharge 4kv, air discharge 8kv.

4. Mechanical Feature

- Key Lifespan: over 2,000,000 times
- Key force: 1~2N
- Key travel: 1.2±0.1mm
- Key material: high-quality stainless steel (steel color itself and customized blasting workmanship is available to supply on request for the keys)
- Front plate material: high-quality stainless steel (black, blue, green, red, purple front plate is available to supply on request)
- Character (layout): etch-engraving concave or laser engraving, different language layout is available to supply on request
- Trackball activation force: 0.9N±0.2N
- Front plate size: 282mm×106mm (including the trackball)
- Overall size: 292mm×125mm×33.7mm (do not include the part 9mm higher than trackball body)
- Product weight: ≈1.5Kg

5. Environment Application

- Protection level: IP65 (key surface)
- Operation temperature: -10℃~+60℃, relative humidity: 30%~90% RH
- Storage temperature: -25℃~+70℃, relative humidity: 20%~95% (non-condensing)
- Air pressure: 60~106Kpa

6. Software Support

- Standard keyboard doesn't need driver, USB 1.1 connector uses HID mode.
- USB-HUB is USB 2.0 interface

7. Evaluation and Certification

- With UL and CE certification

8. Order information

- Product type: ZT599
- Product name: Alphanumeric keyboard with trackball
- Product code: Lxx-yyy-zzz

Lxx——hardware code(H/W)

yyy—— firmware code(F/W)

zzz—— application code (customer)

Mounting

drawing

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