PC series

Ergonomic pendant controllers •
custom configurable one-handed operation



DISTINCTIVE FEATURES

Analog and USB output options

Lightweight one-handed operation

Configured to order

Standard configuration with APEM TS Thumbstick and IP series pushbutton

Optional sealing up to IP67



ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -40 °C to +85 °C (-40 °F to +185 °F)
- Storage Temperature: -40 °C to +85 °C (-40 °F to +185 °F)
- Sealing: Up to IP67 & IP69K

ELECTRICAL SPECIFICATIONS (WHEN CONFIGURATED WITH TS SERIES)

- Supply Voltage Range: 5.00 VDC ± 0.250 VDC
- Reverse Polarity Max: -10 VDC
- Overvoltage Max: 20 VDC
- Minimum load: 1 Ω
- Return to Center Voltage Tolerance: ± 200 mV initial

MECHANICAL SPECIFICATIONS

- Operating Force: 3 N ± 0.5 N (TS); 6 N ± 2N (IP)
- Maximum Vertical Load: 200 N (45 lbf) (TS)
- Maximum Horizontal Load: 150 N
- Mechanical Angle of Movement: ± 25°
- Expected Mechanical Life: 1 million lifecycles
- Mass/weight: 226.8 g (8 oz)
- Lever Action (centering): Spring

MATERIALS

- Body: Thermoplastic

The company reserves the right to change specifications without notice.

SUPPORTED PROTOCOLS

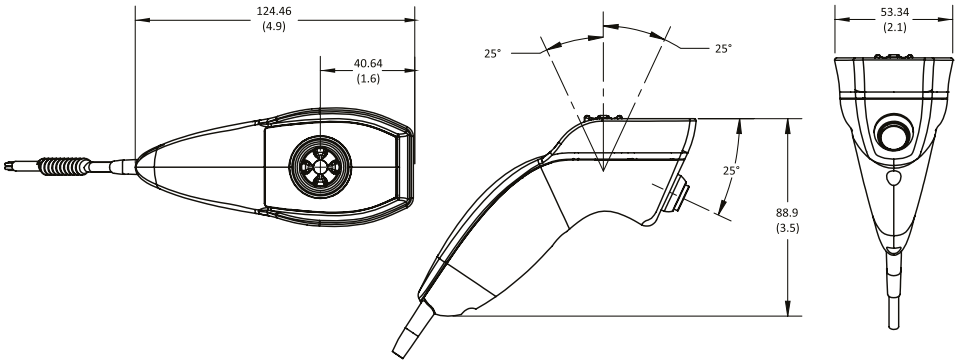
- USB HID 1.1 game controller
- DirectX (Gaming Control)
- Uses standard Direct X HID drivers

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HANDLE DIMENSIONS





STANDARD CONFIGURATIONS

TWO AXIS TS AND MOMENTARY PUSHBUTTON WITH LED



PC 2430

TWO AXIS TS AND MOMENTARY PUSHBUTTON



PC 2441

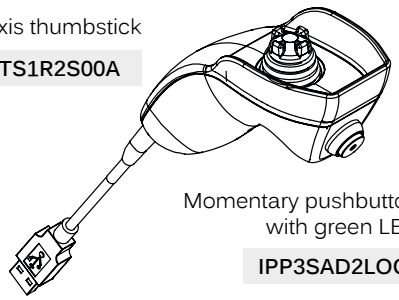
TWO AXIS TS WITH MOMENTARY PUSHBUTTON, COILED CABLE



PC 3566

Two axis thumbstick

TS1R2S00A



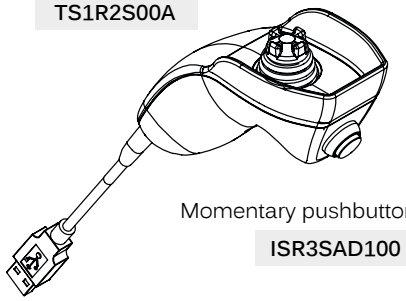
Momentary pushbutton
with green LED

IPP3SAD2LOG

OUTPUT - USB “Game Controller”

Two axis thumbstick

TS1R2S00A



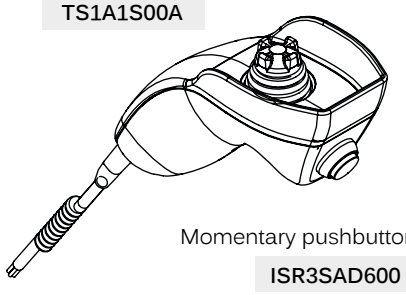
Momentary pushbutton

ISR3SAD100

OUTPUT - USB “Game Controller”

Two axis thumbstick

TS1A1S00A



Momentary pushbutton

ISR3SAD600

OUTPUT - 0 V to 5 V