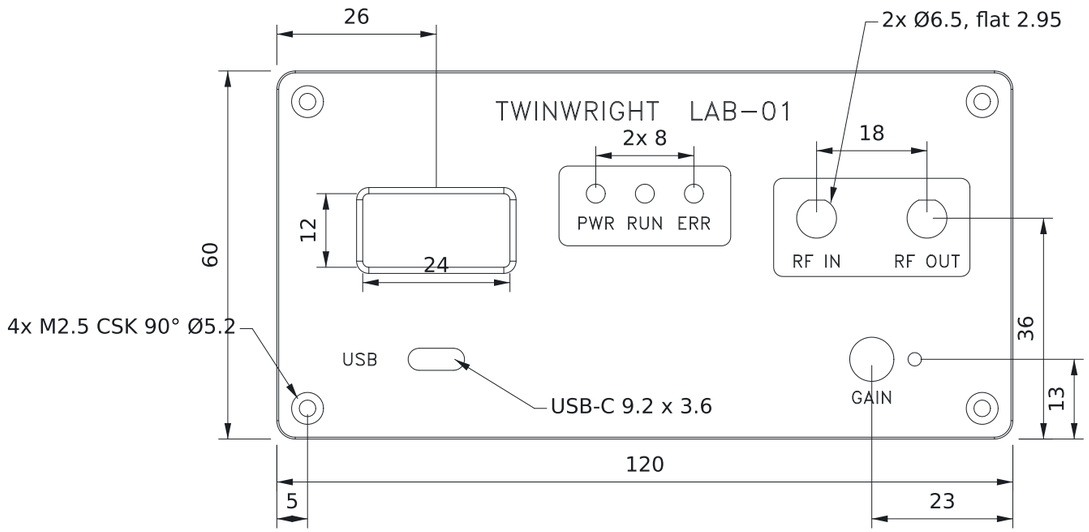
Front view





Plan view

Features

1. Window 24 x 12 THRU, R1, bezel 1 x 45° - 0.96 in OLED
2. USB-C 9.2 x 3.6 THRU, full round
3. 3x Ø3.1 THRU - 3 mm LEDs
4. 2x Ø6.5 THRU with a flat at 2.95 - SMA bulkhead, anti-rotation
5. Ø7.2 THRU + Ø2.2 THRU at 7.0 - encoder bushing and lug
6. 4x Ø2.7 THRU, countersink 90° to Ø5.2 - M2.5 ISO 10642
7. Engrave labels and frame lines: single-line font, V 60°, 0.1 deep; frames along the drawn centre line
8. R3 corners, 0.3 x 45° top edges

Notes

1. General tolerances ISO 2768-mK
2. Sheet held on double-sided tape on a sacrificial plate; cut free last
3. Engraving filled with black paint after machining (optional)
4. Bottom edges: deburr by hand

Instrument front panel
仪器前面板

Material 6061-T6 Stock 130 x 70 x 2 mm	**Drawing TW-E02**
General tolerances ISO 2768-mK · mm · Ra 1.6 unless noted	Scale 1:1 A3
Twinwright Studio 1.0 example · drawn 2026-10-06	ISO E (first angle)