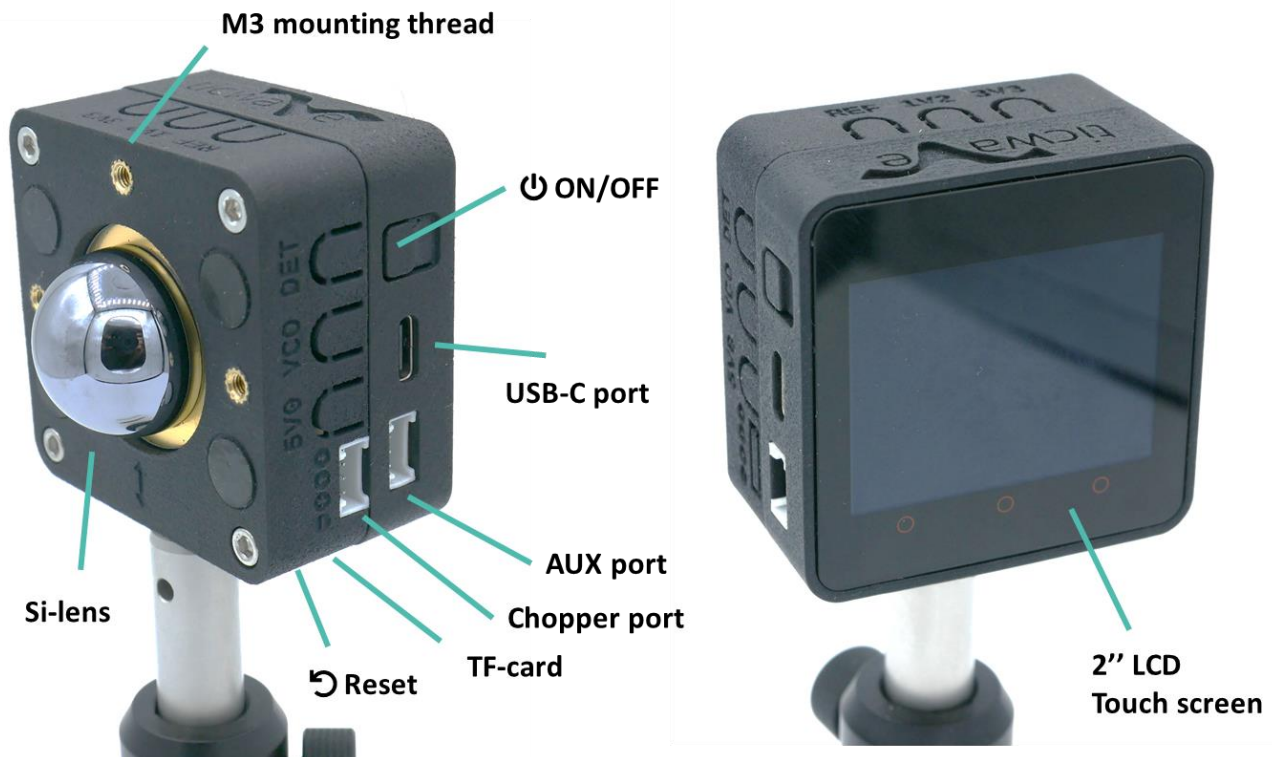


TWS-ID02 Digital THz Video Camera



Technical specification

- FPA: 33x33 pixel
- Frame rate: up to 54fps
- Bandwidth: 0.3-1.1THz
- Responsivity: max. 1G counts/W
- MDP: min. 1-2nW @ 320GHz/54fps
- NEP: min. 10-20pW/√Hz @ 320GHz
- USB-C interface.
- Lens: HRFZ-Si D30 T17.80

AUX port

- 1: gnd
- 2: 5V
- 3: aux 1
- 4: aux 2

Chopper port

- 1: gnd
- 2: 5V
- 3: Chopper-out
- 4: Chopper-in

Optical specification

- Effective focal length: 6.206 mm
- Back focal length: 0.996 mm
- Clear aperture: 29.2mm
- Center thickness tol.: ± 0.1 mm
- Radius of curvature tol.: ± 0.1 mm
- Pixel dimension: 140 μ m x 140 μ m
- Sensor dim.: 4.62mm x 4.62mm

