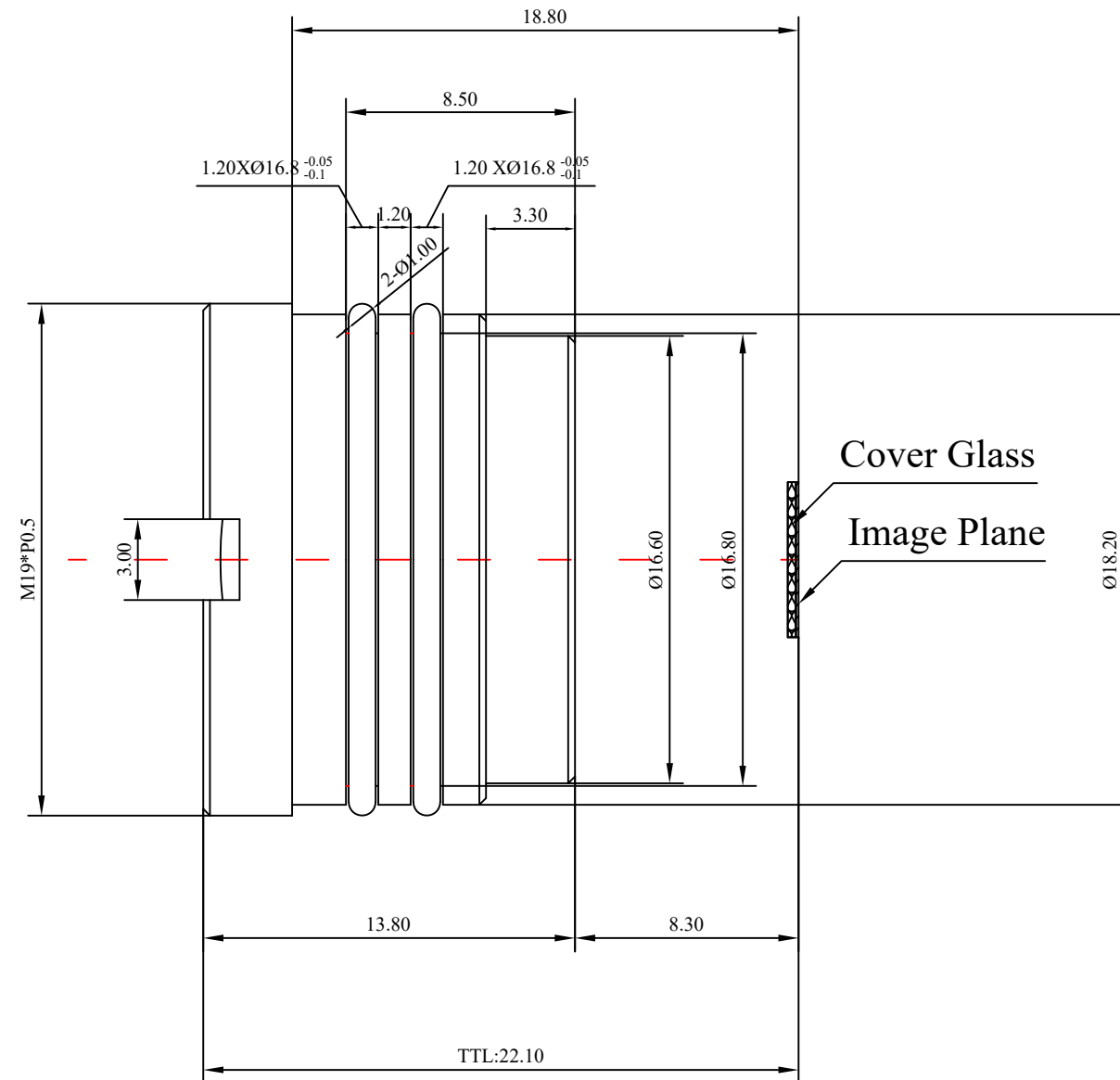
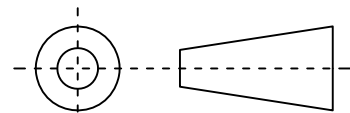


| | | | |
|----|----------------------------|----------------|-------|
| 1 | Type | LWIR Lens | |
| 2 | Image Circle | Ø9.84mm | |
| 3 | EFL | 13.5mm | |
| 4 | F/No. | F1.0 | |
| 5 | FFL | 8.3 | |
| 6 | BFL | 9.2 | |
| 7 | Detector | 640*512 (12um) | |
| 8 | F.O.V | Horizontal | 32.6° |
| 9 | | Vertical | 26° |
| 10 | | Diagonal | 41.6° |
| 11 | Resolution | ≥0.9 mrad | |
| 12 | Wavelength | 8~14um | |
| 13 | Distortion | ≤ 5% | |
| 14 | Coating | AR | |
| 15 | Uniformity of illumination | >94% | |
| 16 | M.O.D | 0.3m~∞ | |
| 17 | Interface | M19*P0.5 | |
| 18 | Dimension | Ø19.0*13.8mm | |
| 19 | Surface Treatment | Black Anodized | |
| 20 | IP Rating | IP67 | |
| 21 | Weight | 8.5g | |
| 22 | Focus Operation | Fixed | |
| 23 | Operating Temperature | -40°C~+80°C | |
| 24 | Storage Temperature | -40°C~+80°C | |



| Scale | Remark | Tolerances | Date | Revised | | 福州创安光电科技有限公司 FUZHOU CHUANGAN OPTICS CO., LTD |
|-------|--------|------------|------------|----------------|------------|--|
| 4:1 | X | ±0.2 | 2023-05-05 | CH3891A Rev1.0 | | |
| | X.0 | ±0.15 | | | | |
| Units | X.00 | ±0.10 | Design | Linda | 2023-02-18 |  3D Angle Projection |
| | X.000 | ±0.001 | Checked | Anna | 2023-04-03 | |
| mm | Angle | ±0.5° | Approval | Sanmu | 2023-05-06 | |