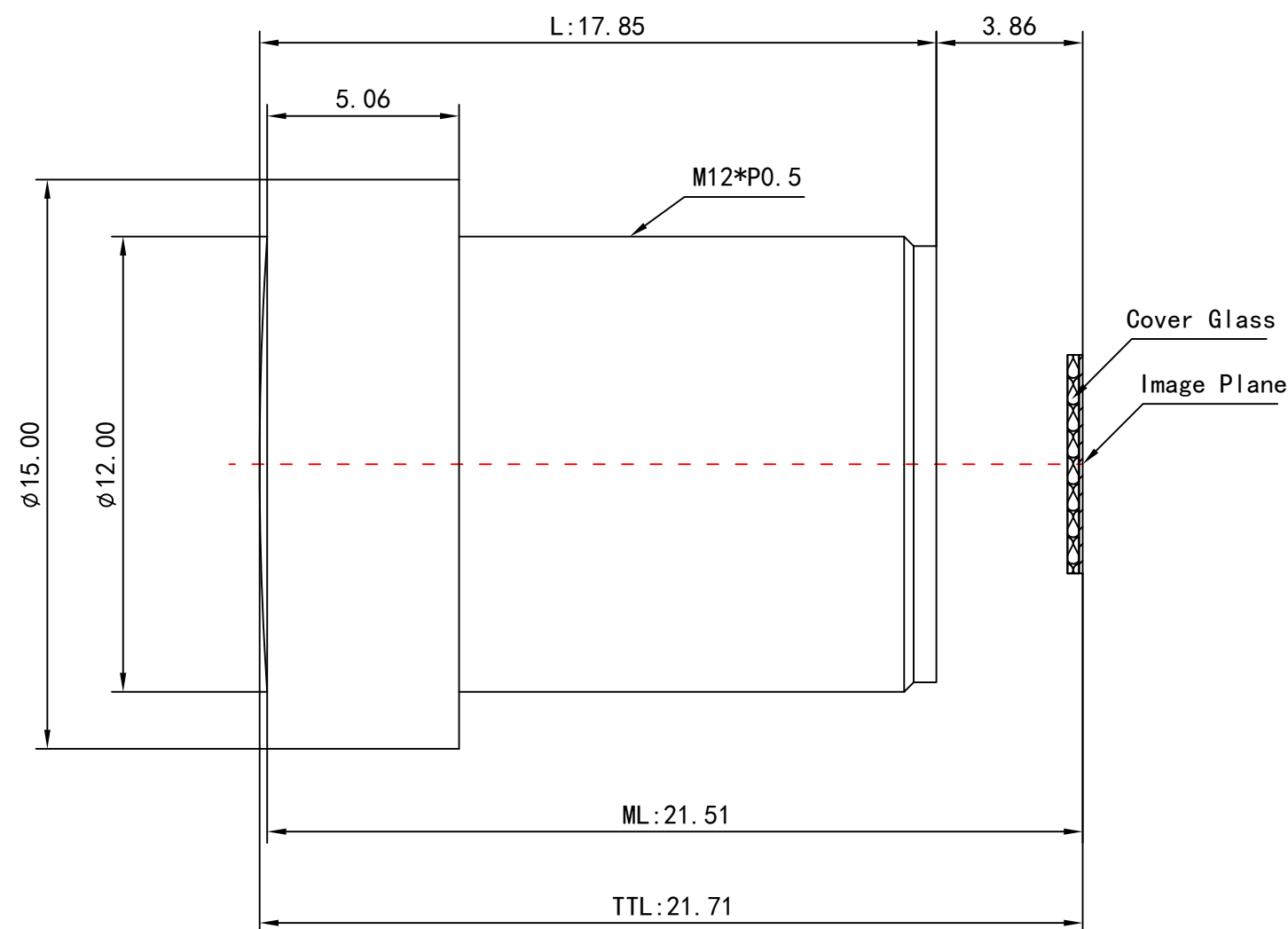
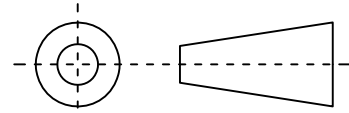


| | | | |
|----|-----------------------|------------------|-------|
| 1 | Type | Wide Angle Lens | |
| 2 | Resolution | MP | |
| 3 | Image Format | 1/3" | |
| 4 | Image Circle | φ6.7mm(MAX) | |
| 5 | EFL | 2.67mm | |
| 6 | TTL | 21.71mm | |
| 7 | F/NO. | 1.8 | |
| 8 | FFL (M) | 3.86mm | |
| 9 | BFL (O) | 5.09mm | |
| 10 | For Sensor | OV4689 | |
| 11 | F.O.V | Horizontal | 130° |
| 12 | | Vertical | 65.7° |
| 13 | | Diagonal | 160° |
| 14 | TV Distortion | <-16% | |
| 15 | Relative Ill. | >70% | |
| 16 | Chief Ray Angle | <15° | |
| 17 | M.O.D | 0.1m~∞ | |
| 18 | Mount Type | M12*P0.5 | |
| 19 | Dimension Figure | φ15.0*L17.85mm | |
| 20 | Lens Structure | 6G | |
| 21 | IR-Filter | T=50% & 650±10nm | |
| 22 | Waterproof | IP67 | |
| 23 | Weight | 5.7g | |
| 24 | Iris Operation | Fixed | |
| 25 | Zoom Operation | Fixed | |
| 26 | Focus Operation | Manual | |
| 27 | Operating Temperature | -20° ~+85° | |
| 28 | Storage Temperature | -20° ~+85° | |



| 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 | 2019-07-22 | CH389D Rev1.0 | | |
| | X.0 | ±0.15 | | | | |
| Units | X.00 | ±0.10 | Design | Linda | 2019-05-26 |  3D Angle Projection |
| | X.000 | ±0.001 | Checked | Anna | 2019-07-20 | |
| mm | Angle | ±0.5° | Approval | Sanmu | 2019-07-20 | |