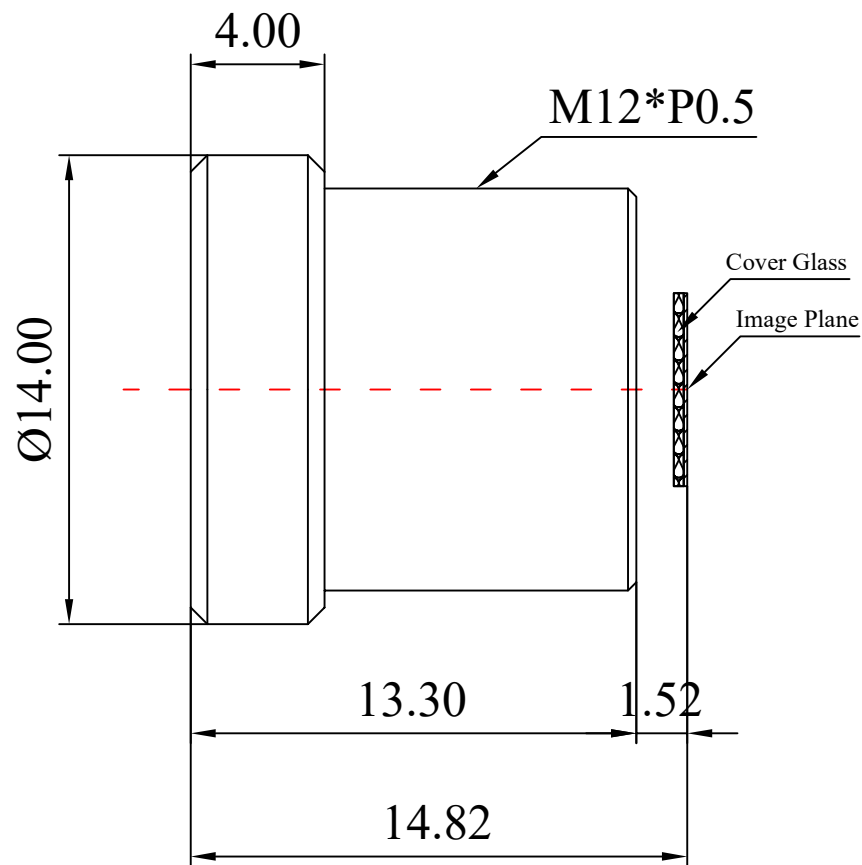




# PRODUCT: CH3731A

|    |                       |                |          |       |
|----|-----------------------|----------------|----------|-------|
| 1  | Type                  | TOF Lens       |          |       |
| 2  | Resolution            | MP             |          |       |
| 3  | Image Format          | 1/3"           |          |       |
| 4  | Image Circle          | φ6.6mm(MAX)    |          |       |
| 5  | EFL                   | 3.3mm          |          |       |
| 6  | TTL                   | 14.82mm        |          |       |
| 7  | F/NO.                 | F1.1           |          |       |
| 8  | FFL (M)               | 1.52mm         |          |       |
| 9  | BFL (O)               | 1.88mm         |          |       |
| 10 | For Sensor            | OPT8241        | MLX75026 |       |
| 11 | F.O.V                 | Horizontal     | 74.5°    | 57.8° |
| 12 |                       | Vertical       | 58°      | 44.6° |
| 13 |                       | Diagonal       | 90.7°    | 70.2° |
| 14 | OPT Distortion        | <-9.0%         |          |       |
| 15 | Relative Ill.         | >55%           |          |       |
| 16 | Chief Ray Angle       | <13°           |          |       |
| 17 | M.O.D                 | 0.1m~∞         |          |       |
| 18 | Mount Type            | M12*P0.5       |          |       |
| 19 | Dimension Figure      | φ12.0*L11.30mm |          |       |
| 20 | Lens Structure        | 2G3P           |          |       |
| 21 | IR-Filter             | Non IR         |          |       |
| 22 | Weight                | 3.8g           |          |       |
| 23 | Iris Operation        | Fixed          |          |       |
| 24 | Zoom Operation        | Fixed          |          |       |
| 25 | Focus Operation       | Manual         |          |       |
| 26 | Operating Temperature | -20° ~+85°     |          |       |
| 27 | Storage Temperature   | -20° ~+85°     |          |       |



| Scale | Remark | Tolerances | Date       | Revised        |            | 福州创安光电科技有限公司<br>FUZHOU CHUANGAN OPTICS CO., LTD |
|-------|--------|------------|------------|----------------|------------|---|
| 4: 1  | X      | ± 0.2      | 2021-01-13 | CH3731A Rev1.1 |            |   |
|       | X.0    | ± 0.15     |            |                |            |   |
| Units | X.00   | ± 0.10     | Design     | Linda          | 2018-03-11 | <br>3D Angle Projection                         |
|       | X.000  | ± 0.001    | Checked    | Anna           | 2018-04-12 |   |
| mm    | Angle  | ± 0.5°     | Approval   | Sanmu          | 2018-08-10 |   |