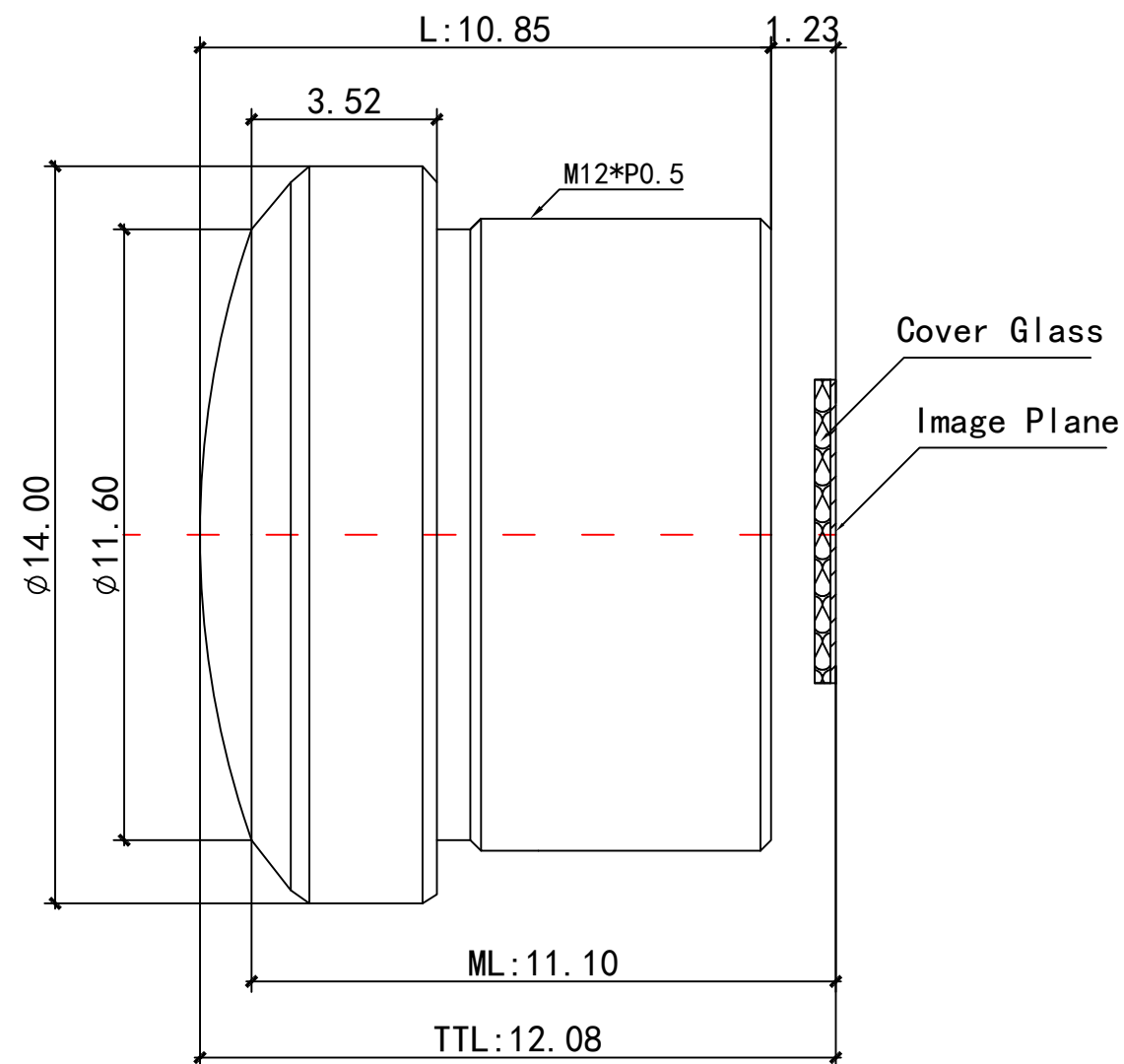
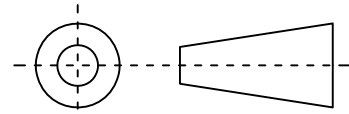


1	Type	Fisheye Lens	
2	Resolution	4MP	
3	Image Format	1/3"	
4	Image Circle	φ6.0mm(MAX)	
5	EFL	1.08mm	
6	TTL	12.08mm	
7	F/NO.	2.2	
8	FFL (M)	1.23mm	
9	BFL (O)	2.31mm	
10	For Sensor	OV4689	
11	F.O.V	Horizontal	205°
12		Vertical	205°
13		Diagonal	205°
14	TV Distortion	<-117.7%	
15	Relative Ill.	>68%	
16	Chief Ray Angle	<20.26°	
17	M.O.D	0.1m~∞	
18	Mount Type	M12*P0.5	
19	Dimension Figure	φ14.00*L10.85mm	
20	Lens Structure	6G	
21	IR-Filter	T=50% & 650±10nm	
22	Waterproof	No	
23	Weight	4.1g	
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
5 : 1	X	±0.2	2019-07-12	CH310A Rev1.0		
	X.0	±0.15				
Units	X.00	±0.10	Design	Linda	2018-07-31	 3D Angle Projection
	X.000	±0.001	Checked	Anna	2019-09-12	
mm	Angle	±0.5°	Approval	Sanmu	2019-09-16	