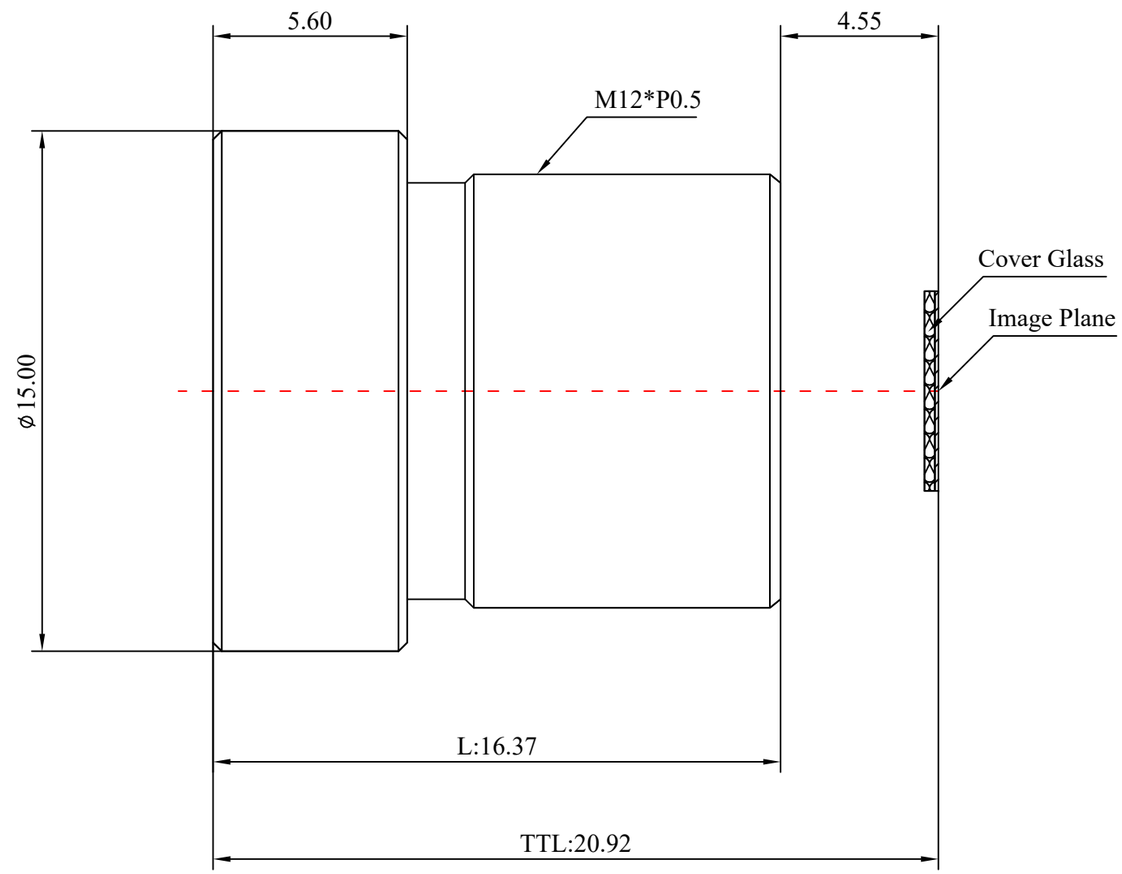
CHANCCTV
Sharper Optical Lens

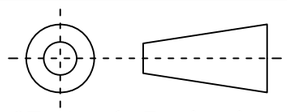
PRODUCT: CH342A

1	Type		Wide Angle Lens		
2	Resolution		5MP		
3	Image Format		1/2.5″& 1/2.7″ &1/3″		
4	Image Circle		ϕ7.2mm(MAX)		
5	EFL		3.4mm		
6	TTL		20.92mm		
7	F/NO.		2.0		
8	FFL（M)		4.55mm		
9	BFL（O)		4.75mm		
10	For Sensor		1/2.5"	1/2.7"	1/3"
11	F.O.V	Horizontal	98.4°	103.4°	82.2°
12		Vertical	72°	54.6°	60.1°
13		Diagonal	132.4°	122.7°	106.4°
14	TV Distortion		<-18.9%		
15	Relative Ill.		>62%		
16	Chief Ray Angle		<33.89°		
17	M.O.D		0.1m~∞		
18	Mount Type		M12*P0.5		
19	Dimension Figure		ϕ15.00*L16.37mm		
20	Lens Structure		6G		
21	IR-Filter		Non-IR		
22	Waterproof		IP67		
23	Weight		4.8g		
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	
4:1	X	±0.2	2023-08-29	CH342A Rev1.1	
	X.0	±0.15			
Units	X.00	±0.10	Design	Linda	2017-05-26
	X.000	±0.001	Checked	Anna	2017-07-20
mm	Angle	±0.5°	Approval	Sanmu	2017-07-20

福州创安光电科技有限公司
FUZHOU CHUANGAN OPTICS CO., LTD



3D Angle Projection