

Telecentric Lens

DTTL Series Telecentric Lens

Model No:

1.1 Chip 200-600mm



DTTL-X Series

1.1 CHIP 200-600mm

Target camera



Professional customization of multiples and depth of field

Dual telecentric design High definition Standard C interface

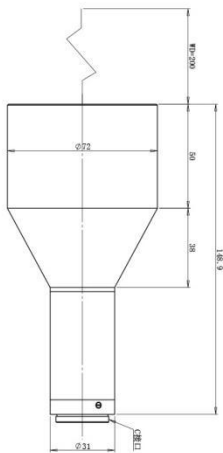
Can be equipped with a dedicated parallel light

For high-precision detection and measurement

Lighting type	Lens Model	Mag	WD	DOF mm	Telecen -tricity	Optical distortion	Aperture F/#	Mtf>0.3 (lp/mm)	Mount	2/3"CCD (8.8*6.6)mm	1"CCD (12.8*9.6)mm	1.1"CCD (14*10.3)mm
Non-coaxial	DTTL200-022X23	0.22X	200	18.8	<0.1	<0.1	11	160	C	40*30	NA	NA
	DTTL200-025X10	0.25X	200	8.6	<0.1	<0.1	8	110	C	35.2*26.4	51*38	NA
	DTTL200-036X20	0.36X	200	7.0	<0.1	<0.1	6	120	C	24.4*18.3	35.5*26.6	38.8*28.6
	DTTL210-02X18	0.2X	210	7.0	<0.1	<0.1	5	155	C	NA	NA	NA
	DTTL210-032X20	0.32X	210	8.9	<0.1	<0.1	8	110	C	27.5*20.6	40*30	43.8*32.2
	DTTL210-054X20	0.54X	210	2.6	<0.1	<0.1	9	90	C	16.3*12.2	23.7*17.8	25.9*19.1
	DTTL220-022X23HR	0.22X	220	18.8	<0.1	<0.1	6	160	C	40*30	NA	NA
	DTTL220-0275X20	0.275X	220	12.0	<0.1	<0.1	7	150	C	32*24	46.5*34.9	50.9*37.5
	DTTL220-03X20	0.3X	220	10.1	<0.1	<0.1	8	130	C	29.3*22	42.7*32	46.7*34.3
	DTTL220-034X20	0.34X	220	5.7	<0.1	<0.1	7	140	C	25.9*19.4	37.6*28.2	41.2*30.3
	DTTL220-036X20	0.36X	220	5.1	<0.1	<0.1	7	120	C	24.4*18.3	35.6*26.7	38.9*28.6
	DTTL220-04X20	0.4X	220	5.7	<0.1	<0.1	13	70	C	22*16.5	32*24	35*25.7
	DTTL220-046X20	0.46X	220	4.3	<0.1	<0.1	4	110	C	19.1*14.3	27.8*20.9	30.4*22.4
	DTTL220-05X10	0.5X	220	3.6	<0.1	<0.1	4	110	C	17.6*13.2	25.6*19.2	NA
	DTTL235-03X10	0.3X	235	6.3	<0.1	<0.1	7	128	C	29.3*22	42.7*32	NA
	DTTL240-04X10	0.4	240	7.4	<0.1	<0.1	14	65	C	22*16.5	32*24	NA
	DTTL250-02X23	0.2X	250	13.6	<0.1	<0.1	7	130	C	44*33	NA	NA

Lighting type	Lens Model	Mag	WD	DOF	Telecen	Optical	Aperture	Mtf>0.3	Mount	2/3"CCD	1"CCD	1.1"CCD
				mm	-tricity	distortion	F/#	(lp/mm)		(8.8*6.6)mm	(12.8*9.6)mm	(14*10.3)mm
Non-coaxial	DTTL250-05X10	0.5X	250	4.1	<0.1	<0.1	13	80	C	17.6*13.2	25.6*19.2	NA
	DTTL253-05X20	0.5X	253	2.5	<0.1	<0.1	8	115	C	17.6*13.2	25.6*19.2	28*20.6
	DTTL260-025X23	0.25X	260	14.5	<0.1	<0.1	6	110	C	35.2*26.4	NA	NA
	DTTL260-18X20	1.8X	260	0.3	<0.1	<0.1	14	70	C	4.9*3.7	7.1*5.3	7.8*5.7
	DTTL265-07X20	0.7X	265	1.9	<0.1	<0.1	10	96	C	12.6*9.4	18.3*13.7	20*14.7
	DTTL270-084X10	0.84X	270	1.3	<0.1	<0.1	12	80	C	10.5*7.9	15.2*11.4	NA
	DTTL280-03X10	0.3X	280	10.1	<0.1	<0.1	8	120	C	29.3*22	42.7*32	NA
	DTTL280-065X20	0.65X	280	2.1	<0.1	<0.1	9	100	C	13.5*10.2	19.7*14.8	21.5*15.8
	DTTL300-025X10	0.25X	300	14.5	<0.1	<0.1	14	65	C	35.2*26.4	51*38	NA
	DTTL300-05X20	0.5X	300	3.6	<0.1	<0.1	13	90	C	17.6*13.2	25.6*19.2	28*20.6
	DTTL300-1X23	1.0X	300	1.4	<0.1	<0.1	17	55	C	8.8*6.6	NA	NA
	DTTL300-15X18	1.5X	300	0.4	<0.1	<0.1	19	40	C	NA	NA	NA
	DTTL300-2X18	2.0X	300	0.2	<0.1	<0.1	15	65	C	NA	NA	NA
	DTTL320-036X23	0.36X	320	7.0	<0.1	<0.1	7	100	C	24.4*18.3	NA	NA
	DTTL320-04X20	0.4X	320	5.7	<0.1	<0.1	10	85	C	22*16.5	32*24	35*25.7
	DTTL320-045X10	0.45X	320	4.5	<0.	<0.1	11	75	C	19.6*14.7	28.4*21.3	NA
	DTTL330-0083X6	0.083X	330	66.3	<0.1	<0.1	6	130	C	NA	NA	NA
	DTTL330-012X6	0.12X	330	63.0	<0.1	<0.1	5	180	C	NA	NA	NA
	DTTL335-011X23	0.11X	335	41.7	<0.1	<0.1	6	130	C	80*60	NA	NA
	DTTL340-015X18	0.15X	340	40.3	<0.1	<0.1	5	100	C	NA	NA	NA
	DTTL350-02X23	0.2X	350	22.7	<0.1	<0.1	7	100	C	44*33	NA	NA
	DTTL350-03X23	0.3X	350	10.1	<0.1	<0.1	10	100	C	29.3*22	NA	NA
	DTTL365-03X10	0.3X	365	10.1	<0.1	<0.1	8	100	C	29.3*22	42.7*32	NA
	DTTL370-025X18	0.25X	370	14.5	<0.1	<0.1	7	125	C	NA	NA	NA
	DTTL420-012X6	0.12X	420	63.0	<0.1	<0.1	6	160	C	NA	NA	NA
	DTTL500-016X23	0.16X	500	18.4	<0.1	<0.1	6	130	C	55*41.3	NA	NA
	DTTL550-014X23	0.14X	550	25.8	<0.1	<0.1	5	160	C	62.9*47.1	NA	NA
	DTTL550-028X6	0.28X	550	8.3	<0.1	<0.1	9	110	C	NA	NA	NA
	DTTL600-0125X23	0.125X	600	23.6	<0.1	<0.1	4	130	C	70.4*52.8	NA	NA

DTTL200-022X23



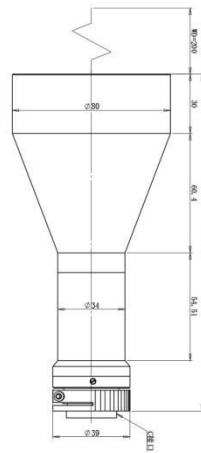
Main parameters

Mag	0.22X
WD	200
DOF(mm)	18.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	11
MTF>0.3(lp/mm)	160
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	40°30'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL200-025X10



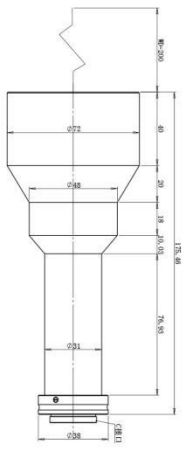
Main parameters

Mag	0.25X
WD	200
DOF(mm)	8.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	110
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	35.2°26.4'
1" CCD(12.8*9.6)mm	51°38'
1.1" CCD(14*10.3)mm	NA

DTTL200-036X20



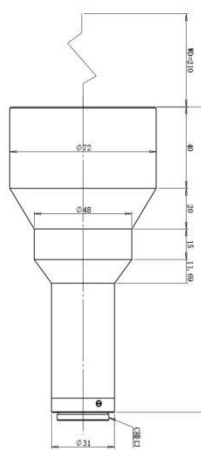
Main parameters

Mag	0.36X
WD	200
DOF(mm)	7.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	120
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	24.4°18.3'
1" CCD(12.8*9.6)mm	35.5°26.6'
1.1" CCD(14*10.3)mm	38.8°28.6'

DTTL210-02X18



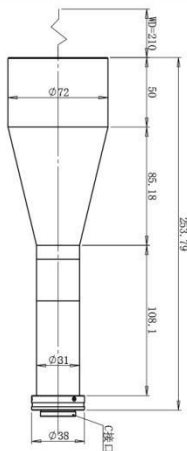
Main parameters

Mag	0.2X
WD	210
DOF(mm)	7.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	5
MTF>0.3(lp/mm)	155
Mount	C

Field of view

1/1.8" CCD(7.1*5.4)mm	35.5°27'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL210-032X20



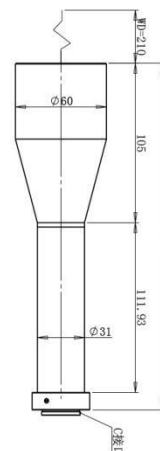
Main parameters

Mag	0.32X
WD	210
DOF(mm)	8.9
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	110
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	27.5°20.6'
1" CCD(12.8*9.6)mm	40°30'
1.1" CCD(14*10.3)mm	43.8°32.2'

DTTL210-054X20



Main parameters

Mag	0.54X
WD	210
DOF(mm)	2.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	9
MTF>0.3(lp/mm)	90
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	16.3°12.2'
1" CCD(12.8*9.6)mm	23.7°17.8'
1.1" CCD(14*10.3)mm	25.9°19.1'

Technical drawing of a mechanical part, likely a nozzle or probe, with dimensions in millimeters. The drawing shows a cross-section of the part. Key dimensions include: a top diameter of 72 mm, a middle diameter of 36 mm, a bottom diameter of 42 mm, a total height of 153.3 mm, and a section line labeled 'A-A'.

Mag	0.22X
WD	220
DOF(mm)	18.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	160
Mount	C

2/3" CCD(8.8*6.6)mm	40*30
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

Mag	0.275X
WD	220
DOF(mm)	12.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	150
Mount	C

2/3" CCD(8.8*6.6)mm	32°24'
1" CCD(12.8*9.6)mm	46.5°34.9'
1.1" CCD(14*10.3)mm	50.9°37.5'

Mag	0.3X
WD	220
DOF(mm)	10.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	130
Mount	C

2/3" CCD(8.8*6.6)mm	29.3*22
1" CCD(12.8*9.6)mm	42.7*32
1.1" CCD(14*10.3)mm	46.7*34.3

Mag	0.34X
WD	220
DOF(mm)	5.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	140
Mount	C

2/3" CCD(8.8*6.6)mm	25.9*19.4
1" CCD(12.8*9.6)mm	37.6*28.2
1.1" CCD(14*10.3)mm	41.2*30.3

Technical drawing of a mechanical part, likely a nozzle or probe. The drawing shows a side view with a tapered section and a cross-section labeled 'CH. 1'. Dimensions are provided in millimeters (mm):

- Overall length: 188.87
- Length of the tapered section: 167.16
- Length of the cylindrical section below the taper: 21.71
- Inner diameter of the tapered section: $\varnothing 72$
- Inner diameter of the cylindrical section: $\varnothing 34$
- Top diameter: $\varnothing 76$
- Top radius: R1.25
- Top chamfer: CH. 0.5
- Bottom chamfer: CH. 1

Mag	0.36X
WD	220
DOF(mm)	5.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	120
Mount	C

2/3" CCD(8.8*6.6)mm	24.4*18.3
1" CCD(12.8*9.6)mm	35.6*26.7
1.1" CCD(14*10.3)mm	38.9*28.6

Mag	0.4X
WD	220
DOF(mm)	5.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	13
MTF>0.3(lp/mm)	70
Mount	C

2/3" CCD(8.8*6.6)mm	22*16.5
1" CCD(12.8*9.6)mm	32*24
1.1" CCD(14*10.3)mm	35*25.7

Mag	0.46X
WD	220
DOF(mm)	4.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	4
MTF>0.3(lp/mm)	110
Mount	C

2/3" CCD(8.8*6.6)mm	19.1*14.3
1" CCD(12.8*9.6)mm	27.8*20.9
1.1" CCD(14*10.3)mm	30.4*22.4

Technical drawing of a vertical mechanical component, likely a pump or valve assembly. The drawing shows a cross-section with a top flange of diameter 60 mm and a bottom flange of diameter 31 mm. The total height is 201.87 mm. The top flange has a thickness of 22 mm. The main body has a height of 105 mm. The bottom flange has a height of 91.67 mm. A small detail 'C' is shown at the bottom right.

Mag	0.5X
WD	220
DOF(mm)	3.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	4
MTF>0.3(lp/mm)	110
Mount	C

2/3" CCD(8.8*6.6)mm	17.6*13.2
1" CCD(12.8*9.6)mm	25.6*19.2
1.1" CCD(14*10.3)mm	NA

Mag	0.3X
WD	235
DOF(mm)	6.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	128
Mount	C

2/3" CCD(8.8*6.6)mm	29.3*22
1" CCD(12.8*9.6)mm	42.7*32
1.1" CCD(14*10.3)mm	NA

Mag	0.4
WD	240
DOF(mm)	7.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	14
MTF>0.3(lp/mm)	65
Mount	C

2/3" CCD(8.8*6.6)mm	22*16.5
1" CCD(12.8*9.6)mm	32*24
1.1" CCD(14*10.3)mm	NA

Mag	0.2X
WD	250
DOF(mm)	13.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	130
Mount	C

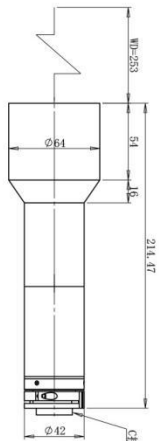
2/3" CCD(8.8*6.6)mm	44*33
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

Technical drawing of a vertical rod with the following dimensions and labels:

- Top diameter: $\phi 60$
- Top section height: 106.68
- Section height: 212.94
- Section diameter: $\phi 31$
- Bottom section height: 95.76
- Bottom diameter: $\phi 38$
- Label: 接头 (Joint)
- Top diameter label: $\phi D=250$

Mag	0.5X
WD	250
DOF(mm)	4.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	13
MTF>0.3(lp/mm)	80
Mount	C

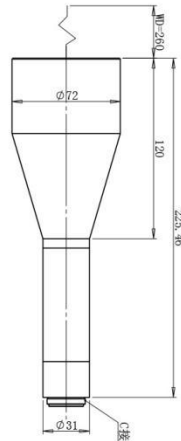
2/3" CCD(8.8*6.6)mm	17.6*13.2
1" CCD(12.8*9.6)mm	25.6*19.2
1.1" CCD(14*10.3)mm	NA

DTTL253-05X20**Main parameters**

Mag	0.5X
WD	253
DOF(mm)	2.5
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	115
Mount	C

Field of view

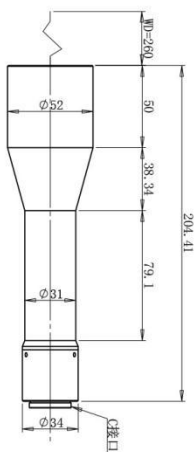
2/3" CCD(8.8*6.6)mm	17.6*13.2
1" CCD(12.8*9.6)mm	25.6*19.2
1.1" CCD(14*10.3)mm	28*20.6

DTTL260-025X23**Main parameters**

Mag	0.25X
WD	260
DOF(mm)	14.5
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	110
Mount	C

Field of view

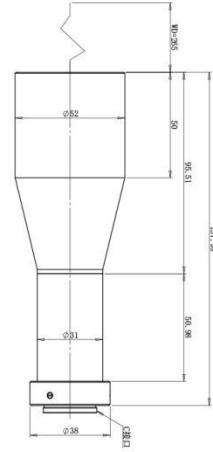
2/3" CCD(8.8*6.6)mm	35.2*26.4
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL260-18X20**Main parameters**

Mag	1.8X
WD	260
DOF(mm)	0.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	14
MTF>0.3(lp/mm)	70
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	4.9*3.7
1" CCD(12.8*9.6)mm	7.1*5.3
1.1" CCD(14*10.3)mm	7.8*5.7

DTTL265-07X20**Main parameters**

Mag	0.7X
WD	265
DOF(mm)	1.9
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	10
MTF>0.3(lp/mm)	96
Mount	C

Field of view

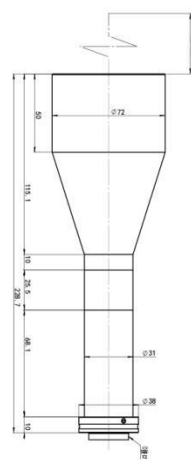
2/3" CCD(8.8*6.6)mm	12.6*9.4
1" CCD(12.8*9.6)mm	18.3*13.7
1.1" CCD(14*10.3)mm	20*14.7

DTTL270-084X10**Main parameters**

Mag	0.84X
WD	270
DOF(mm)	1.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	12
MTF>0.3(lp/mm)	80
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	10.5*7.9
1" CCD(12.8*9.6)mm	15.2*11.4
1.1" CCD(14*10.3)mm	NA

DTTL280-03X10**Main parameters**

Mag	0.3X
WD	280
DOF(mm)	10.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	120
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	29.3*22
1" CCD(12.8*9.6)mm	42.7*32
1.1" CCD(14*10.3)mm	NA

Main parameters	
Mag	0.65X
WD	280
DOF(mm)	2.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	9
MTF>0.3(lp/mm)	100
Mount	C

Field of view	
2/3" CCD(8.8*6.6)mm	13.5*10.2
1" CCD(12.8*9.6)mm	19.7*14.8
1.1" CCD(14*10.3)mm	21.5*15.8

[illegible]

Main parameters	
Mag	0.25X
WD	300
DOF(mm)	14.5
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	14
MTF>0.3(lp/mm)	65
Mount	C

Field of view	
2/3" CCD(8.8*6.6)mm	35.2°*26.4
1" CCD(12.8*9.6)mm	51°*38
1.1" CCD(14*10.3)mm	NA

DTTL300-05X20

Technical drawing of the DTTL300-05X20 valve showing dimensions in millimeters (mm):

- Total height: 300
- Top section diameter: $\phi 66$
- Top section height: 50
- Middle section diameter: $\phi 50$
- Middle section height: 50
- Bottom section diameter: $\phi 31$
- Bottom section height: 101.57
- Total height of bottom section: 212.77
- Label: C接口 (C-Interface)

Main parameters	
Mag	0.5X
WD	300
DOF(mm)	3.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	13
MTF>0.3(lp/mm)	90
Mount	C

Field of view	
2/3" CCD(8.8*6.6)mm	17.6*13.2
1" CCD(12.8*9.6)mm	25.6*19.2
1.1" CCD(14*10.3)mm	28*20.6

Technical drawing of the DTTL300-1X23 antenna. The side view shows a total height of 300 mm, with a mounting bracket of 50 mm and a main body of 250 mm. The main body has a diameter of $\varnothing 52$ mm. The front view shows a total width of 211.3 mm, with a mounting bracket of 38.5 mm and a main body of 172.8 mm. The main body has a diameter of $\varnothing 33$ mm. The antenna is shown with a cable and a connector.

Main parameters	
Mag	1.0X
WD	300
DOF(mm)	1.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	17
MTF>0.3(lp/mm)	55
Mount	C

Field of view	
2/3" CCD(8.8*6.6)mm	8.8*6.6
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

Technical drawing of a vertical pipe assembly. The drawing shows a cross-section of the pipe with various diameters and lengths. The top section has a diameter of $\Phi 52$ and a length of 50. Below this is a tapered section with a length of 61.24. The bottom section has a diameter of $\Phi 31$ and a length of 47.21. The total length of the assembly is 196.2. The bottom section is labeled "C接口" (C-Interface). The drawing also shows a break line at the top, indicating that the pipe continues above.

Main parameters	
Mag	1.5X
WD	300
DOF(mm)	0.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	19
MTF>0.3(lp/mm)	40
Mount	C

Field of view	
1/1.8" CCD(7.1*5.4)mm	4.7*3.6
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

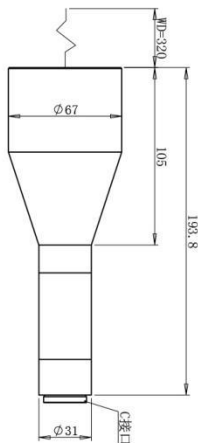
Technical drawing of the DTTL300-2X18 tool, showing dimensions in millimeters (mm):

- Overall length: 220.56
- Flange outer diameter: 300
- Flange inner diameter: $\Phi 52$
- Flange thickness: 50
- Tapered section height: 53.46
- Main body diameter: $\Phi 31$
- Detail view: C接口 (C-Interface)

Main parameters	
Mag	2.0X
WD	300
DOF(mm)	0.2
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	15
MTF>0.3(lp/mm)	65
Mount	C

Field of view	
1/1.8" CCD(7.1*5.4)mm	3.6*2.7
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL320-036X23



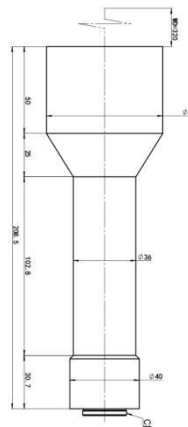
Main parameters

Mag	0.36X
WD	320
DOF(mm)	7.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	100
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	24.4°18.3
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL320-04X20



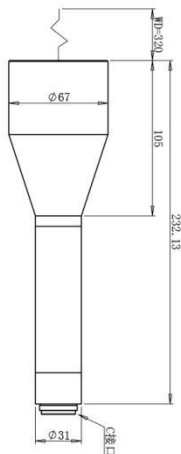
Main parameters

Mag	0.4X
WD	320
DOF(mm)	5.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	10
MTF>0.3(lp/mm)	85
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	22°16.5
1" CCD(12.8*9.6)mm	32°24
1.1" CCD(14*10.3)mm	35°25.7

DTTL320-045X10



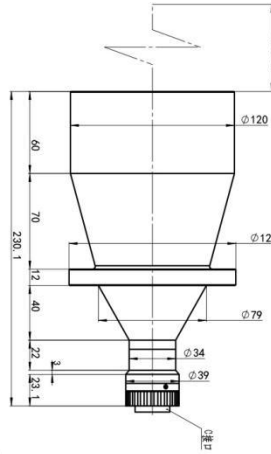
Main parameters

Mag	0.45X
WD	320
DOF(mm)	4.5
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	11
MTF>0.3(lp/mm)	75
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	19.6°14.7
1" CCD(12.8*9.6)mm	28.4°21.3
1.1" CCD(14*10.3)mm	NA

DTTL330-0083X6



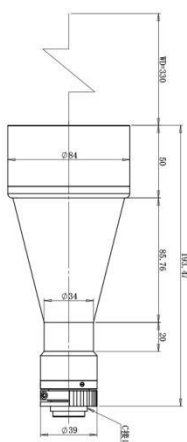
Main parameters

Mag	0.083X
WD	330
DOF(mm)	66.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	130
Mount	C

Field of view

1/2" CCD(6.4*4.8)mm	77.1°57.8
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL330-012X6



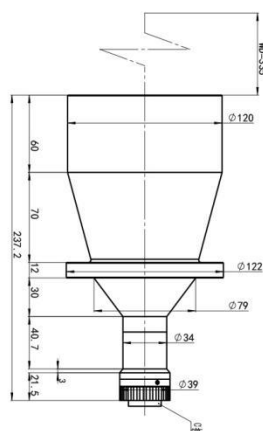
Main parameters

Mag	0.12X
WD	330
DOF(mm)	63.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	5
MTF>0.3(lp/mm)	180
Mount	C

Field of view

1/2" CCD(6.4*4.8)mm	53.3°40
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL335-011X23

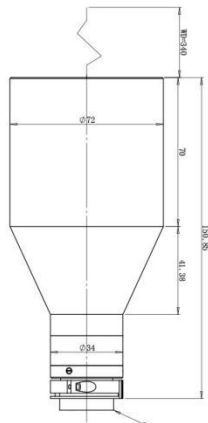


Main parameters

Mag	0.11X
WD	335
DOF(mm)	41.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	130
Mount	C

Field of view

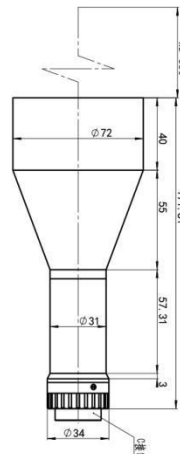
2/3" CCD(8.8*6.6)mm	80°60
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL340-015X18**Main parameters**

Mag	0.15X
WD	340
DOF(mm)	40.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	5
MTF>0.3(lp/mm)	100
Mount	C

Field of view

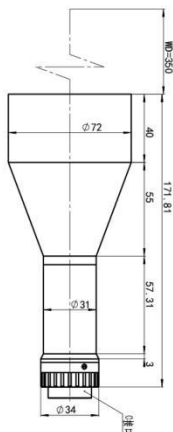
1/1.8" CCD(7.1*5.4)mm	47.3°36'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL350-02X23**Main parameters**

Mag	0.2X
WD	350
DOF(mm)	22.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	100
Mount	C

Field of view

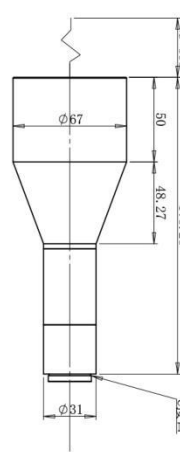
2/3" CCD(8.8*6.6)mm	44°33'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL350-03X23**Main parameters**

Mag	0.3X
WD	350
DOF(mm)	10.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	10
MTF>0.3(lp/mm)	100
Mount	C

Field of view

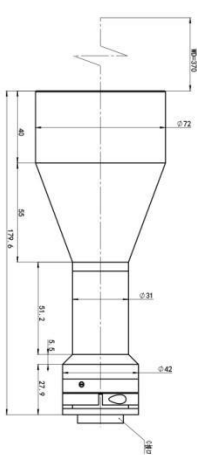
2/3" CCD(8.8*6.6)mm	29.3°22'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL365-03X10**Main parameters**

Mag	0.3X
WD	365
DOF(mm)	10.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	8
MTF>0.3(lp/mm)	100
Mount	C

Field of view

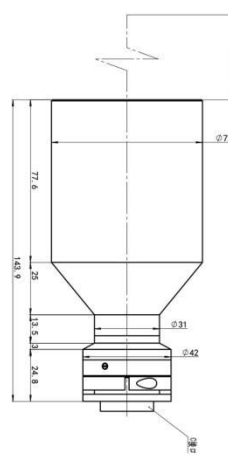
2/3" CCD(8.8*6.6)mm	29.3°22'
1" CCD(12.8*9.6)mm	42.7°32'
1.1" CCD(14*10.3)mm	NA

DTTL370-025X18**Main parameters**

Mag	0.25X
WD	370
DOF(mm)	14.5
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	7
MTF>0.3(lp/mm)	125
Mount	C

Field of view

1/1.8" CCD(7.1*5.4)mm	28.4°21.6'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

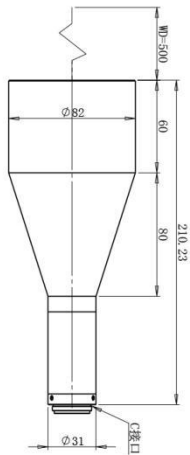
DTTL420-012X6**Main parameters**

Mag	0.12X
WD	420
DOF(mm)	63.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	160
Mount	C

Field of view

1/2" CCD(6.4*4.8)mm	56.7°40'
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL500-016X23



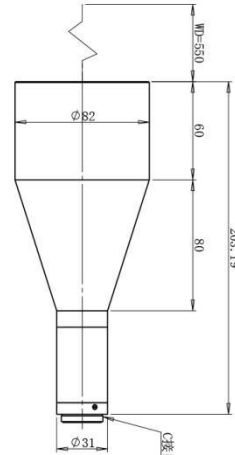
Main parameters

Mag	0.16X
WD	500
DOF(mm)	18.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	6
MTF>0.3(lp/mm)	130
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	55°41.3
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL550-014X23



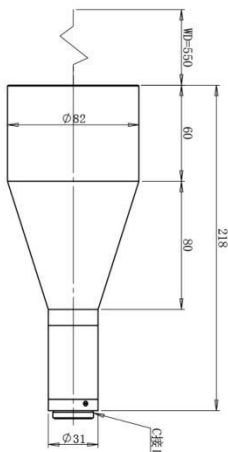
Main parameters

Mag	0.14X
WD	550
DOF(mm)	25.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	5
MTF>0.3(lp/mm)	160
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	62.9°47.1
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL550-028X6



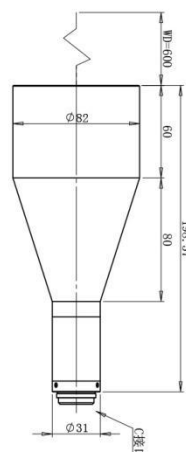
Main parameters

Mag	0.28X
WD	550
DOF(mm)	8.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	9
MTF>0.3(lp/mm)	110
Mount	C

Field of view

1/2" CCD(6.4*4.8)mm	22.9°17.1
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA

DTTL600-0125X23



Main parameters

Mag	0.125X
WD	600
DOF(mm)	23.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	4
MTF>0.3(lp/mm)	130
Mount	C

Field of view

2/3" CCD(8.8*6.6)mm	70.4°52.8
1" CCD(12.8*9.6)mm	NA
1.1" CCD(14*10.3)mm	NA