

Telecentric Lens

DTTL Series Telecentric Lens

Model No:

Support 16K



DTTL Series

Support 16K

Target camera



Professional customization
of multiples and depth of
field

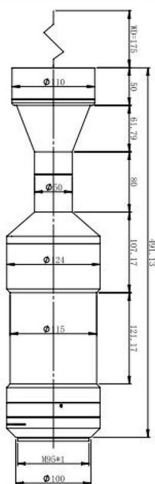
Dual telecentric design
High definition Standard M95
interface

With a special parallel
light source

For high-precision
detection and measurement

Lens Model	Mag	WD	DOF	Telecen	Optical	Aperture	Mtf>0.3	Mount	35film	8K	16k
			mm	-tricity	distortion	F/#	(lp/mm)		(36*24)mm	8192*7μm	16384*5μm
DTTL90-2.5F82	2.5X	90	0.5	<0.1	<0.1	34	27	M95	14.4*9.6	22.9	32.8
DTTL108-2.28F82	2.28X	108	0.4	<0.1	<0.1	25	40	M95	15.8*10.5	25.2	35.9
DTTL115-1.78F82	1.78X	115	0.8	<0.1	<0.1	30	33	M95	20.2*13.5	32.2	46
DTTL120-1.64F82	1.64X	120	0.7	<0.1	<0.1	23	42	M95	22*14.6	35	50
DTTL135-1.5F82	1.5X	135	1.0	<0.1	<0.1	27	36	M95	24*16	39.2	54.6
DTTL135-1.4F82	1.4X	135	1.1	<0.1	<0.1	26	36	M95	25.7*17.1	41	58.5
DTTL90-1.4F82	1.28	175	1.4	<0.1	<0.1	28	30	M95	28.1*18.8	44.8	64
DTTL175-1.28F82	1.17X	180	1.8	<0.1	<0.1	29	36	M95	30.8*20.5	49	70
DTTL180-1.17F82	1X	185	1.7	<0.1	<0.1	21	45	M95	36*24	57.3	81.9
DTTL230-097F82	0.97X	230	1.9	<0.1	<0.1	21	48	M95	37.1*24.7	59.1	84.5
DTTL205-087F82	0.87X	205	2.8	<0.1	<0.1	26	36	M95	41.4*27.6	65.9	94.2
DTTL290-075F82	0.75X	290	2.3	<0.1	<0.1	19	42	M95	48*32	76.5	109.2
DTTL275-06F82	0.6X	275	3.6	<0.1	<0.1	16	48	M95	60*40	95.6	136.5
DTTL385-053F82	0.53X	385	7.1	<0.1	<0.1	24	42	M95	67.9*45.3	108.2	154.6
DTTL380-043F82	0.43X	380	8.0	<0.1	<0.1	18	54	M95	83.7*55.8	133.4	190.5
DTTL450-035F82	0.35X	450	11.8	<0.1	<0.1	18	60	M95	102.9*68.6	163.8	234.1
DTTL530-0325F82	0.325X	530	12.7	<0.1	<0.1	16	54	M95	110.8*73.8	176.4	252.1
DTTL378-0266F82	0.266X	378	19.4	<0.1	<0.1	17	52	M95	135.3-90.2	215.6	308

DTTL175-1.28F82



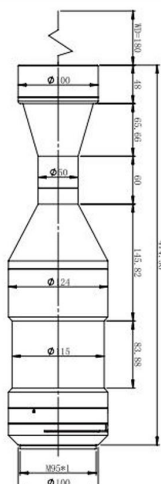
Main parameters

Mag	1.28X
WD	175
DOF(mm)	1.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	28
MTF>0.3(lp/mm)	30
Mount	M95

Field of view

35film(36*24)mm	28.1*18.8
8K 8192*7 μ m	44.8
16K 16384*5 μ m	64

DTTL80-1.17F82



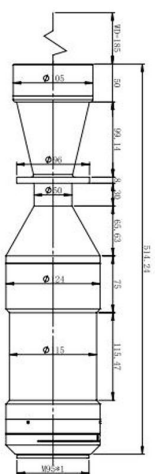
Main parameters

Mag	1.17X
WD	180
DOF(mm)	1.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	29
MTF>0.3(lp/mm)	36
Mount	M95

Field of view

35film(36*24)mm	30.8*20.5
8K 8192*7 μ m	49
16K 16384*5 μ m	70

DTTL185-1F82



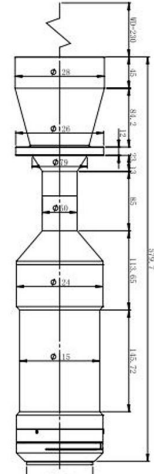
Main parameters

Mag	1X
WD	185
DOF(mm)	1.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	21
MTF>0.3(lp/mm)	45
Mount	M95

Field of view

35film(36*24)mm	36*24
8K 8192*7 μ m	57.3
16K 16384*5 μ m	81.9

DTTL230-0.97F82



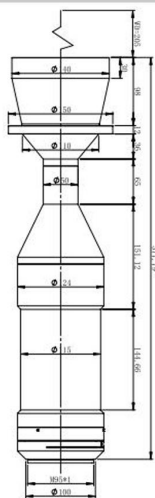
Main parameters

Mag	0.97X
WD	230
DOF(mm)	1.9
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	21
MTF>0.3(lp/mm)	48
Mount	M95

Field of view

35film(36*24)mm	37.1*24.7
8K 8192*7 μ m	59.1
16K 16384*5 μ m	84.5

DTTL05-0.87F82



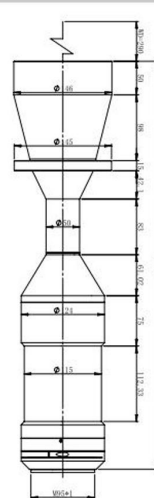
Main parameters

Mag	0.87X
WD	205
DOF(mm)	2.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	26
MTF>0.3(lp/mm)	36
Mount	M95

Field of view

35film(36*24)mm	41.4*27.6
8K 8192*7 μ m	65.9
16K 16384*5 μ m	94.2

DTTL290-0.75F82



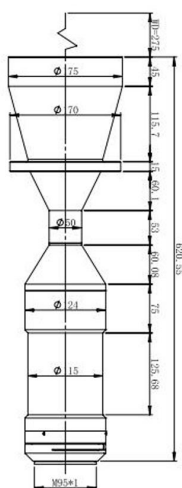
Main parameters

Mag	0.75X
WD	290
DOF(mm)	2.3
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	19
MTF>0.3(lp/mm)	42
Mount	M95

Field of view

35film(36*24)mm	48*32
8K 8192*7 μ m	76.5
16K 16384*5 μ m	109.2

DTTL275-06F82



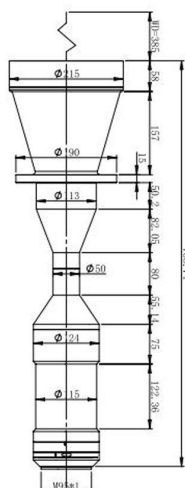
Main parameters

Mag	0.6X
WD	275
DOF(mm)	3.6
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	16
MTF>0.3(lp/mm)	48
Mount	M95

Field of view

35film(36*24)mm	60°40'
8K 8192*7 μ m	95.6
16K 16384*5 μ m	136.5

DTTL85-053F82



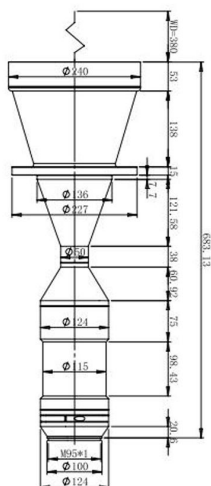
Main parameters

Mag	0.53X
WD	385
DOF(mm)	7.1
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	24
MTF>0.3(lp/mm)	42
Mount	M95

Field of view

35film(36*24)mm	67.9°45.3'
8K 8192*7 μ m	108.2
16K 16384*5 μ m	154.6

DTTL80-043F82



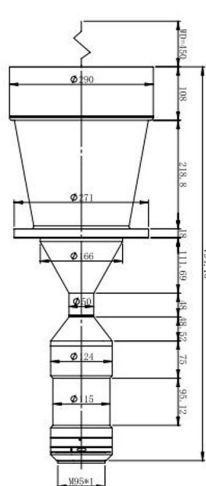
Main parameters

Mag	0.43X
WD	380
DOF(mm)	8.0
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	18
MTF>0.3(lp/mm)	54
Mount	M95

Field of view

35film(36*24)mm	83.7°55.8'
8K 8192*7 μ m	133.4
16K 16384*5 μ m	190.5

DTTL450-035F82



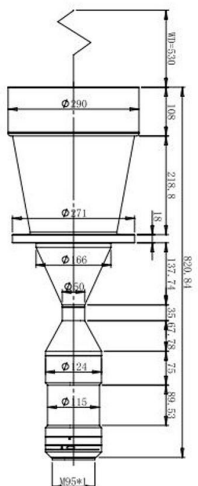
Main parameters

Mag	0.35X
WD	450
DOF(mm)	11.8
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	18
MTF>0.3(lp/mm)	60
Mount	M95

Field of view

35film(36*24)mm	102.9°68.6'
8K 8192*7 μ m	163.8
16K 16384*5 μ m	234.1

DTTL30-0325F82



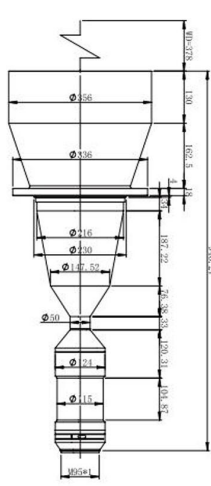
Main parameters

Mag	0.325X
WD	530
DOF(mm)	12.7
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	16
MTF>0.3(lp/mm)	54
Mount	M95

Field of view

35film(36*24)mm	110.8°73.8'
8K 8192*7 μ m	176.4
16K 16384*5 μ m	252.1

DTTL78-0266F82



Main parameters

Mag	0.266X
WD	378
DOF(mm)	19.4
Telecentricity	<0.1
Optical distortion	<0.1
Aperture(F/#)	17
MTF>0.3(lp/mm)	52
Mount	M95

Field of view

35film(36*24)mm	135.3°90.2'
8K 8192*7 μ m	215.6
16K 16384*5 μ m	308