

DTCM71M Series

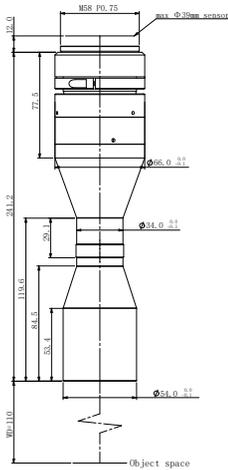
Support 39mm

Cameras



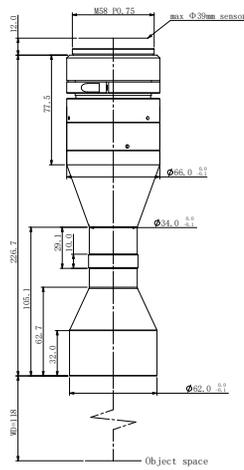
Lens Model	FOV (Φmm)	Mag. β(x)	WD (mm)	Sensor Size (Φmm)	F/#	MTF30 (lp/mm)	DOF (mm)	Distortion (% max)	Telecentricity (° max)	I/O (mm)	Length (mm)	Mount	Weight (kg)
DTCM71M-36-AL	36	1.083	110±2	39	18.3	>43	±0.65@F20	<0.1	<0.1	363±2	241.2	M58	1.0
DTCM71M-42-AL	42	0.929	118±3	39	15.3	>55	±0.9@F20	<0.1	<0.1	357±3	226.7	M58	1.0
DTCM71M-48-AL	48	0.813	128±3	39	15.3	>50	±1.2@F20	<0.1	<0.1	380±3	240.2	M58	1.0
DTCM71M-56-AL	56	0.696	138±3	39	13.1	>65	±1.6@F20	<0.1	<0.1	413±3	262.7	M58	1.3
DTCM71M-64H-AL	64	0.609	158±3	39	11.5	>70	±2.4@F22	<0.1	<0.1	445±3	275.2	M58	1.4
DTCM71M-72-AL	72	0.542	178±3	39	11.5	>75	±2.7@F20	<0.1	<0.1	485±3	295.2	M58	1.6
DTCM71M-80H-AL	80	0.488	228±4	39	6.6	>130	±2.7@F16	<0.1	<0.1	525±4	285.2	M58	2.5
DTCM71M-90-AL	90	0.433	208±3	39	10.2	>85	±4.2@F20	<0.1	<0.1	540±3	320.2	M58	2.3
DTCM71M-100-AL	100	0.390	258±4	39	15.3	>55	±5.2@F20	<0.1	<0.1	614±4	343.6	M58	3.6
DTCM71M-110-AL	110	0.355	263±4	39	8.3	>95	±5.1@F16	<0.1	<0.1	648±4	372.8	M58	3.3
DTCM71M-120-AL	120	0.325	280±5	39	13.1	>65	±7.5@F20	<0.1	<0.1	676±5	383.9	M58	4.8
DTCM71M-136-AL	136	0.287	288±5	39	7.1	>120	±7.8@F16	<0.1	<0.1	758±5	457.8	M58	-
DTCM71M-150-AL	150	0.260	300±5	39	13.1	>65	±11.8@F20	<0.1	<0.1	739±5	427.2	M58	6.3
DTCM71M-170-AL	170	0.229	318±5	39	6.5	>125	±8.4@F11	<0.1	<0.1	819±5	489.1	M58	7.1
DTCM71M-190-AL	190	0.205	330±5	39	9.2	>100	±15.2@F16	<0.1	<0.1	858±5	516.4	M58	11.6
DTCM71M-216-AL	216	0.181	372±5	39	6.5	>135	±13.4@F11	<0.1	<0.1	996±5	611.9	M58	14.3
DTCM71M-240H-AL	240	0.163	410±6	39	7.5	>130	±24.3@F16	<0.1	<0.1	1080±6	657.7	M58	19.8
DTCM71M-268-AL	268	0.146	438±6	39	6.5	>140	±21@F11	<0.1	<0.1	1195±6	745.2	M58	-
DTCM71M-300-AL	300	0.130	465±6	39	6.5	>130	±26@F11	<0.1	<0.1	1213±6	736.2	M58	47.1

DTCM71M-36-AL



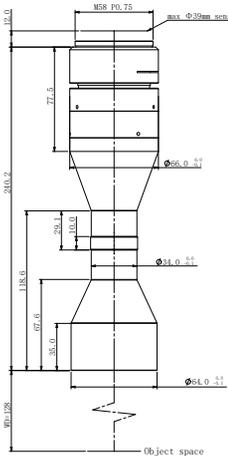
FOV(Φmm)	36
Mag.(x)	1.083
WD(mm)	110±2
Max Sensor Size(Φmm)	39
F/#	18.3
MTF30(lp/mm)	>43
DOF(mm)	±0.65@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	363±2
Length(mm)	241.2
Mount	M58
Weight(kg)	1.0
Field of View (mmxmm)	
CHR 70M	31.0x21.7 28.6x20.0

DTCM71M-42-AL



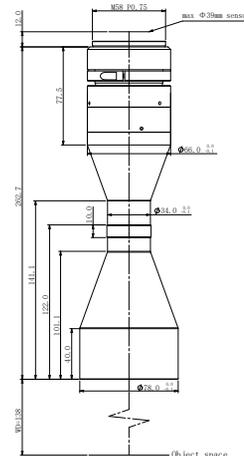
FOV(Φmm)	42
Mag.(x)	0.929
WD(mm)	118±3
Max Sensor Size(Φmm)	39
F/#	15.3
MTF30(lp/mm)	>55
DOF(mm)	±0.9@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	357±3
Length(mm)	226.7
Mount	M58
Weight(kg)	1.0
Field of View (mmxmm)	
CHR 70M	31.0x21.7 33.4x23.4

DTCM71M-48-AL



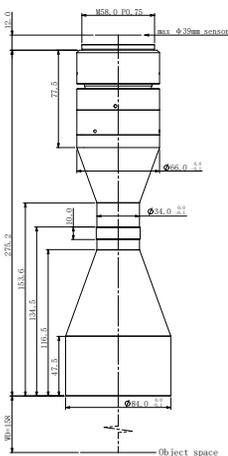
FOV(Φmm)	48
Mag.(x)	0.813
WD(mm)	128±3
Max Sensor Size(Φmm)	39
F/#	15.3
MTF30(lp/mm)	>50
DOF(mm)	±1.2@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	380±3
Length(mm)	240.2
Mount	M58
Weight(kg)	1.0
Field of View (mmxmm)	
CHR 70M	31.0x21.7 38.1x26.7

DTCM71M-56-AL



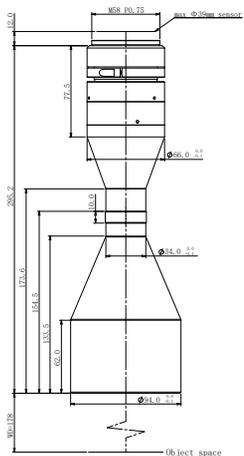
FOV(Φmm)	56
Mag.(x)	0.696
WD(mm)	138±3
Max Sensor Size(Φmm)	39
F/#	13.1
MTF30(lp/mm)	>65
DOF(mm)	±1.6@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	413±3
Length(mm)	262.7
Mount	M58
Weight(kg)	1.3
Field of View (mmxmm)	
CHR 70M	31.0x21.7 44.5x31.2

DTCM71M-64H-AL



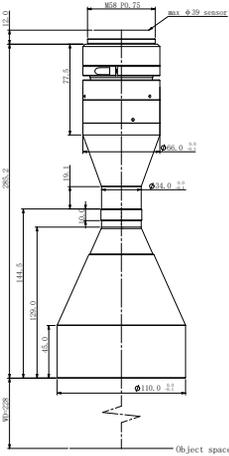
FOV(Φmm)	64
Mag.(x)	0.609
WD(mm)	158±3
Max Sensor Size(Φmm)	39
F/#	11.5
MTF30(lp/mm)	>70
DOF(mm)	±2.4@F22
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	445±3
Length(mm)	275.2
Mount	M58
Weight(kg)	1.4
Field of View (mmxmm)	
CHR 70M	31.0x21.7 50.9x35.6

DTCM71M-72-AL



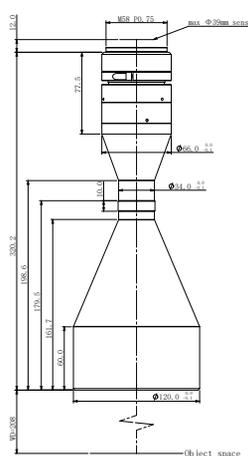
FOV(Φmm)	72
Mag.(x)	0.542
WD(mm)	178±3
Max Sensor Size(Φmm)	39
F/#	11.5
MTF30(lp/mm)	>75
DOF(mm)	±2.7@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	485±3
Length(mm)	295.2
Mount	M58
Weight(kg)	1.6
Field of View (mmxmm)	
CHR 70M	31.0x21.7 57.2x40.0

DTCM71M-80H-AL



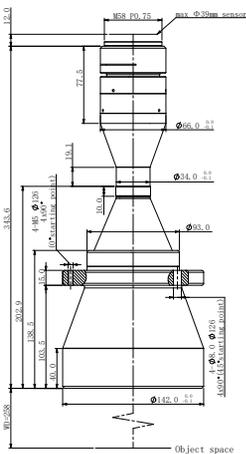
FOV(Φmm)	80
Mag.(x)	0.488
WD(mm)	228±4
Max Sensor Size(Φmm)	39
F/#	6.6
MTF30(lp/mm)	>130
DOF(mm)	±2.7@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	525±4
Length(mm)	285.2
Mount	M58
Weight(kg)	2.5
Field of View (mmxmm)	
CHR 70M	31.0x21.7 63.5x44.5

DTCM71M-90-AL



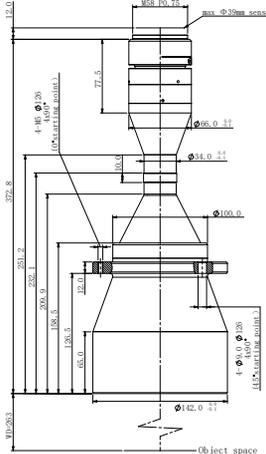
FOV(Φmm)	90
Mag.(x)	0.433
WD(mm)	208±3
Max Sensor Size(Φmm)	39
F/#	10.2
MTF30(lp/mm)	>85
DOF(mm)	±4.2@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	540±3
Length(mm)	320.2
Mount	M58
Weight(kg)	2.3
Field of View (mmxmm)	
CHR 70M	31.0x21.7 71.6x50.1

DTCM71M-100-AL



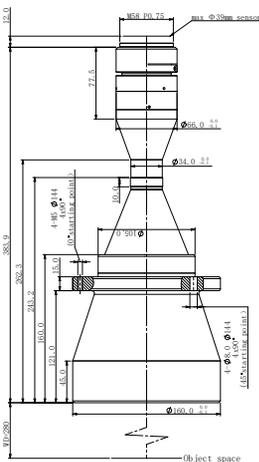
FOV(Φmm)	100
Mag.(x)	0.390
WD(mm)	258±4
Max Sensor Size(Φmm)	39
F/#	15.3
MTF30(lp/mm)	>55
DOF(mm)	±5.2@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	614±4
Length(mm)	343.6
Mount	M58
Weight(kg)	3.6
Field of View (mmxmm)	
CHR 70M	31.0x21.7 79.5x55.6

DTCM71M-110-AL



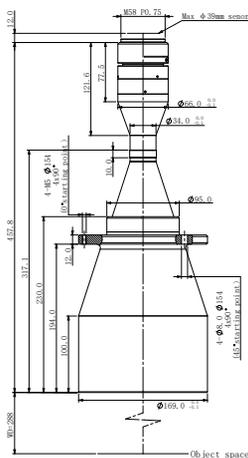
FOV(Φmm)	110
Mag.(x)	0.355
WD(mm)	263±4
Max Sensor Size(Φmm)	39
F/#	8.3
MTF30(lp/mm)	>95
DOF(mm)	±5.1@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	648±4
Length(mm)	372.8
Mount	M58
Weight(kg)	3.3
Field of View (mmxmm)	
CHR 70M	31.0x21.7 87.3x61.1

DTCM71M-120-AL



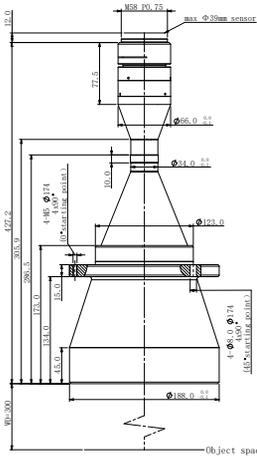
FOV(Φmm)	120
Mag.(x)	0.325
WD(mm)	280±5
Max Sensor Size(Φmm)	39
F/#	13.1
MTF30(lp/mm)	>65
DOF(mm)	±7.5@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	676±5
Length(mm)	383.9
Mount	M58
Weight(kg)	4.8
Field of View (mmxmm)	
CHR 70M	31.0x21.7 95.4x66.8

DTCM71M-136-AL



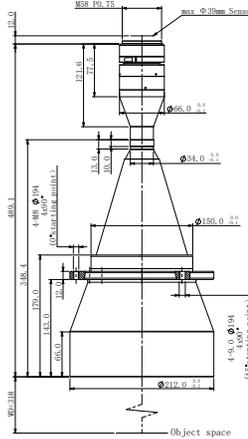
FOV(Φmm)	136
Mag.(x)	0.287
WD(mm)	288±5
Max Sensor Size(Φmm)	39
F/#	7.1
MTF30(lp/mm)	>120
DOF(mm)	±7.8@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	758±5
Length(mm)	457.8
Mount	M58
Weight(kg)	-
Field of View (mmxmm)	
CHR 70M	31.0x21.7 108.0x75.6

DTCM71M-150-AL



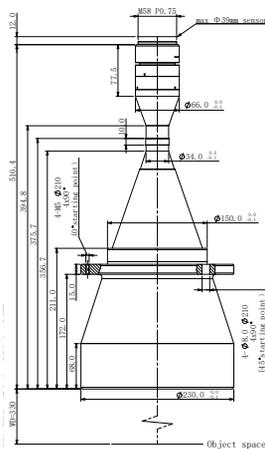
FOV(Φmm)	150
Mag.(x)	0.260
WD(mm)	300±5
Max Sensor Size(Φmm)	39
F/#	13.1
MTF30(lp/mm)	>65
DOF(mm)	±11.8@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	739±5
Length(mm)	427.2
Mount	M58
Weight(kg)	6.3
Field of View (mmxmm)	
CHR 70M	31.0x21.7 119.2x83.5

DTCM71M-170-AL



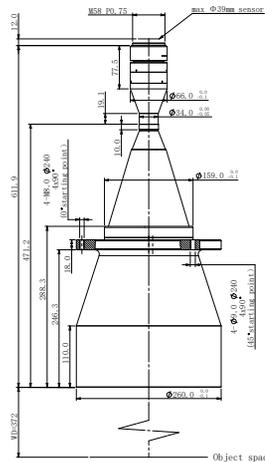
FOV(Φmm)	170
Mag.(x)	0.229
WD(mm)	318±5
Max Sensor Size(Φmm)	39
F/#	6.5
MTF30(lp/mm)	>125
DOF(mm)	±8.4@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	819±5
Length(mm)	489.1
Mount	M58
Weight(kg)	7.1
Field of View (mmxmm)	
CHR 70M	31.0x21.7 135.4x94.8

DTCM71M-190-AL



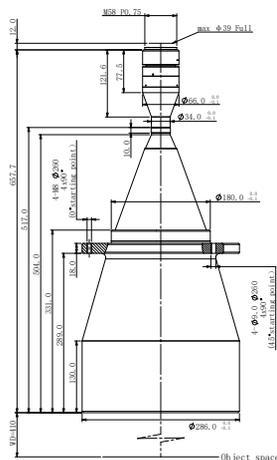
FOV(Φmm)	190
Mag.(x)	0.205
WD(mm)	330±5
Max Sensor Size(Φmm)	39
F/#	9.2
MTF30(lp/mm)	>100
DOF(mm)	±15.2@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	858±5
Length(mm)	516.4
Mount	M58
Weight(kg)	11.6
Field of View (mmxmm)	
CHR 70M	31.0x21.7 151.2x105.9

DTCM71M-216-AL



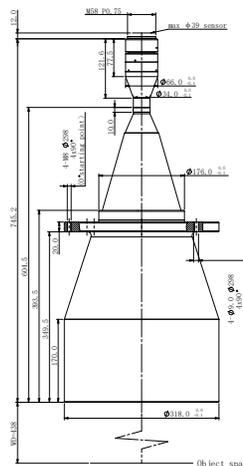
FOV(Φmm)	216
Mag.(x)	0.181
WD(mm)	372±5
Max Sensor Size(Φmm)	39
F/#	6.5
MTF30(lp/mm)	>135
DOF(mm)	±13.4@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	996±5
Length(mm)	611.9
Mount	M58
Weight(kg)	14.3
Field of View (mmxmm)	
CHR 70M	31.0x21.7 171.3x119.9

DTCM71M-240H-AL



FOV(Φmm)	240
Mag.(x)	0.163
WD(mm)	410±6
Max Sensor Size(Φmm)	39
F/#	7.5
MTF30(lp/mm)	>130
DOF(mm)	±24.3@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1080±6
Length(mm)	657.7
Mount	M58
Weight(kg)	19.8
Field of View (mmxmm)	
CHR 70M	31.0x21.7 190.2x133.1

DTCM71M-268-AL



FOV(Φmm)	268
Mag.(x)	0.146
WD(mm)	438±6
Max Sensor Size(Φmm)	39
F/#	6.5
MTF30(lp/mm)	>140
DOF(mm)	±21@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1195±6
Length(mm)	745.2
Mount	M58
Weight(kg)	-
Field of View (mmxmm)	
CHR 70M	31.0x21.7 212.3x148.6

