

DTCM430 Series

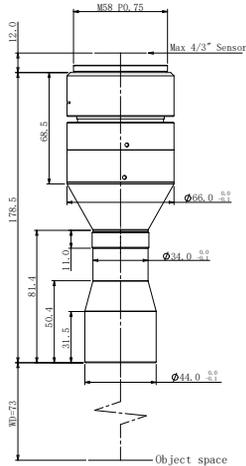
Support 4/3"

Cameras



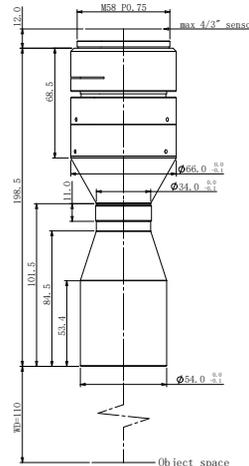
Lens Model	FOV (°mm)	Mag. β(x)	WD (mm)	Sensor Size (Φmm)	F/#	MTF30 (lp/mm)	DOF (mm)	Distortion (% max)	Telecentricity (° max)	I/O (mm)	Length (mm)	Mount	Weight (kg)
DTCM430-26-AL	26	0.923	73±1	24(4/3")	12.5	>65	±0.9@F20	<0.1	<0.1	264±1	178.5	M58	0.8
DTCM430-36-AL	36	0.670	110±2	24(4/3")	11.3	>70	±1.7@F20	<0.1	<0.1	321±2	198.5	M58	0.9
DTCM430-42-AL	42	0.571	118±3	24(4/3")	9.4	>90	±2.4@F20	<0.1	<0.1	314±3	184.0	M58	0.9
DTCM430-48-AL	48	0.500	128±3	24(4/3")	9.4	>85	±3.2@F20	<0.1	<0.1	338±3	197.5	M58	0.9
DTCM430-56-AL	56	0.429	138±3	24(4/3")	8.1	>110	±3.4@F16	<0.1	<0.1	370±3	220.0	M58	1.2
DTCM430-64H-AL	64	0.375	158±3	24(4/3")	7.5	>120	±4.6@F16	<0.1	<0.1	403±3	232.5	M58	1.3
DTCM430-72-AL	72	0.333	178±3	24(4/3")	7.5	>120	±5.7@F16	<0.1	<0.1	443±3	252.5	M58	1.5
DTCM430-80H-AL	80	0.300	228±4	24(4/3")	7.5	>120	±7.1@F16	<0.1	<0.1	483±4	242.5	M58	2.4
DTCM430-90-AL	90	0.267	208±3	24(4/3")	7.5	>120	±9.0@F16	<0.1	<0.1	498±3	277.5	M58	2.2
DTCM430-100-AL	100	0.240	258±4	24(4/3")	9.4	>95	±13.8@F20	<0.1	<0.1	571±4	300.9	M58	3.5
DTCM430-110-AL	110	0.218	263±4	24(4/3")	7.5	>120	±13.5@F16	<0.1	<0.1	605±4	330.1	M58	3.2
DTCM430-120-AL	120	0.200	280±5	24(4/3")	8.1	>110	±16.0@F16	<0.1	<0.1	633±5	341.2	M58	4.7
DTCM430-136-AL	136	0.177	288±5	24(4/3")	7.5	>120	±20.4@F16	<0.1	<0.1	715±5	415.1	M58	-
DTCM430-150-AL	150	0.160	300±5	24(4/3")	8.1	>115	±25.0@F16	<0.1	<0.1	697±5	384.5	M58	6.2
DTCM430-170-AL	170	0.141	318±5	24(4/3")	7.5	>120	±32.2@F16	<0.1	<0.1	776±5	446.4	M58	7.0
DTCM430-190-AL	190	0.126	330±5	24(4/3")	7.5	>120	±40.3@F16	<0.1	<0.1	816±5	473.8	M58	11.5
DTCM430-216-AL	216	0.111	372±5	24(4/3")	7.5	>120	±51.9@F16	<0.1	<0.1	953±5	569.2	M58	14.2
DTCM430-240H-AL	240	0.100	410±6	24(4/3")	7.5	>115	±64@F16	<0.1	<0.1	1037±6	615.1	M58	19.8
DTCM430-268-AL	268	0.090	438±6	24(4/3")	7.5	>120	±79@F16	<0.1	<0.1	1153±6	702.6	M58	-
DTCM430-300-AL	300	0.080	465±6	24(4/3")	7.5	>115	±100@F16	<0.1	<0.1	1171±6	693.5	M58	47.0

DTCM430-26-AL



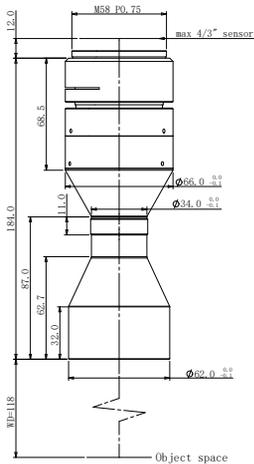
FOV(Φmm)	26
Mag.(x)	0.923
WD(mm)	73±1
Max Sensor Size(Φmm)	24(4/3")
F/#	12.5
MTF30(lp/mm)	>65
DOF(mm)	±0.9@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	264±1
Length(mm)	178.5
Mount	M58
Weight(kg)	0.8
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 19.6x14.7
4/3" CMV8000	18.48x13.73 20.0x14.9

DTCM430-36-AL



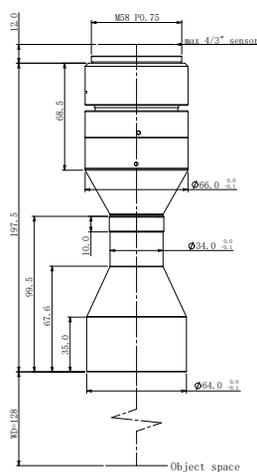
FOV(Φmm)	36
Mag.(x)	0.670
WD(mm)	110±2
Max Sensor Size(Φmm)	24(4/3")
F/#	11.3
MTF30(lp/mm)	>70
DOF(mm)	±1.7@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	321±2
Length(mm)	198.5
Mount	M58
Weight(kg)	0.9
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 27.1x20.3
4/3" CMV8000	18.48x13.73 27.6x20.5

DTCM430-42-AL



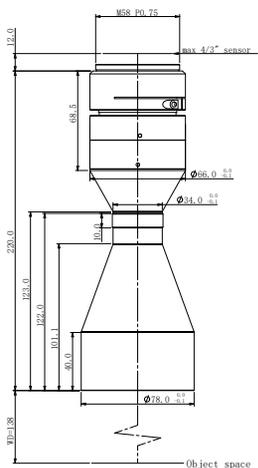
FOV(Φmm)	42
Mag.(x)	0.571
WD(mm)	118±3
Max Sensor Size(Φmm)	24(4/3")
F/#	9.4
MTF30(lp/mm)	>90
DOF(mm)	±2.4@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	314±3
Length(mm)	184.0
Mount	M58
Weight(kg)	0.9
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 31.8x23.8
4/3" CMV8000	18.48x13.73 32.4x24.0

DTCM430-48-AL



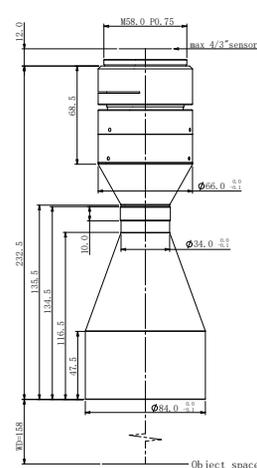
FOV(Φmm)	48
Mag.(x)	0.500
WD(mm)	128±3
Max Sensor Size(Φmm)	24(4/3")
F/#	9.4
MTF30(lp/mm)	>85
DOF(mm)	±3.2@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	338±3
Length(mm)	197.5
Mount	M58
Weight(kg)	0.9
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 36.3x27.2
4/3" CMV8000	18.48x13.73 37.0x27.5

DTCM430-56-AL



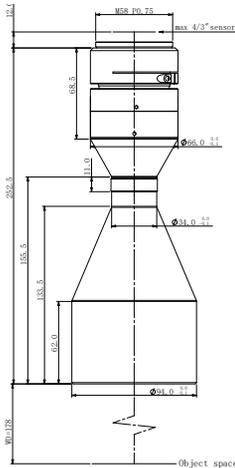
FOV(Φmm)	56
Mag.(x)	0.429
WD(mm)	138±3
Max Sensor Size(Φmm)	24(4/3")
F/#	8.1
MTF30(lp/mm)	>110
DOF(mm)	±3.4@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	370±3
Length(mm)	220.0
Mount	M58
Weight(kg)	1.2
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 42.3x31.7
4/3" CMV8000	18.48x13.73 43.1x32.0

DTCM430-64H-AL



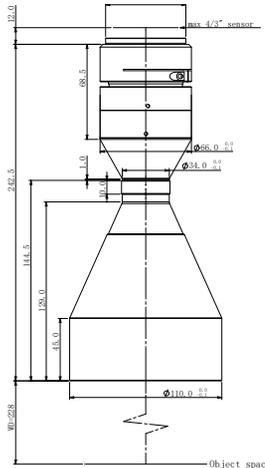
FOV(Φmm)	64
Mag.(x)	0.375
WD(mm)	158±3
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±4.6@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	403±3
Length(mm)	232.5
Mount	M58
Weight(kg)	1.3
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 48.3x36.3
4/3" CMV8000	18.48x13.73 49.3x36.6

DTCM430-72-AL



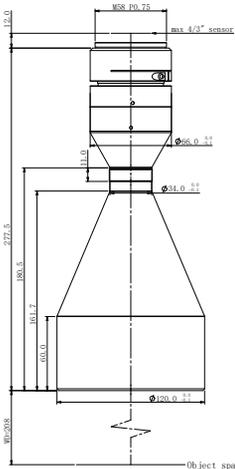
FOV(Φmm)	72
Mag.(x)	0.333
WD(mm)	178±3
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±5.7@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	443±3
Length(mm)	252.5
Mount	M58
Weight(kg)	1.5
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 54.4x40.8
4/3" CMV8000	18.48x13.73 55.5x41.2

DTCM430-80H-AL



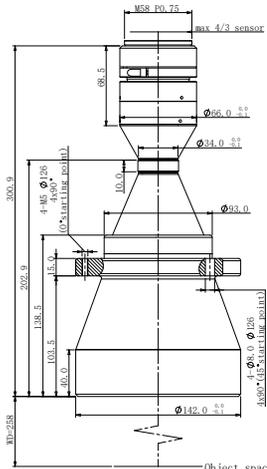
FOV(Φmm)	80
Mag.(x)	0.300
WD(mm)	228±4
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±7.1@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	483±4
Length(mm)	242.5
Mount	M58
Weight(kg)	2.4
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 60.4x45.3
4/3" CMV8000	18.48x13.73 61.6x45.8

DTCM430-90-AL



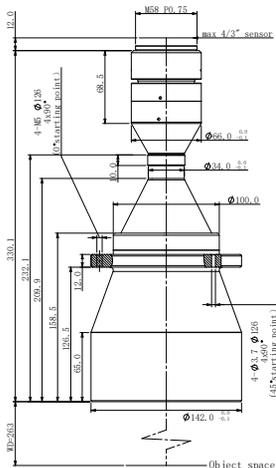
FOV(Φmm)	90
Mag.(x)	0.267
WD(mm)	208±3
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±9@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	498±3
Length(mm)	277.5
Mount	M58
Weight(kg)	2.2
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 67.9x50.9
4/3" CMV8000	18.48x13.73 69.2x51.4

DTCM430-100-AL



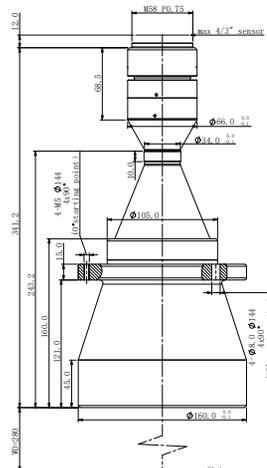
FOV(Φmm)	100
Mag.(x)	0.240
WD(mm)	258±4
Max Sensor Size(Φmm)	24(4/3")
F/#	9.4
MTF30(lp/mm)	>95
DOF(mm)	±13.8@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	571±4
Length(mm)	300.9
Mount	M58
Weight(kg)	3.5
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 75.5x56.7
4/3" CMV8000	18.48x13.73 77.0x57.2

DTCM430-110-AL



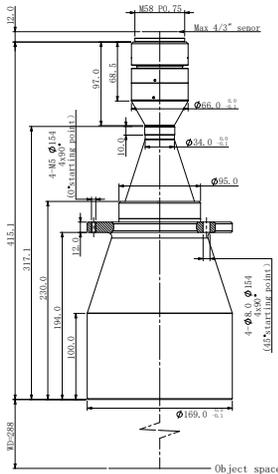
FOV(Φmm)	110
Mag.(x)	0.218
WD(mm)	263±4
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±13.5@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	605±4
Length(mm)	330.1
Mount	M58
Weight(kg)	3.2
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 83.2x62.4
4/3" CMV8000	18.48x13.73 84.8x63.0

DTCM430-120-AL



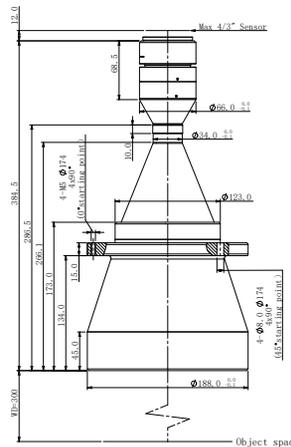
FOV(Φmm)	120
Mag.(x)	0.200
WD(mm)	280±5
Max Sensor Size(Φmm)	24(4/3")
F/#	8.1
MTF30(lp/mm)	>110
DOF(mm)	±16.0@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	633±5
Length(mm)	341.2
Mount	M58
Weight(kg)	4.7
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 90.7x68.0
4/3" CMV8000	18.48x13.73 92.4x68.7

DTCM430-136-AL



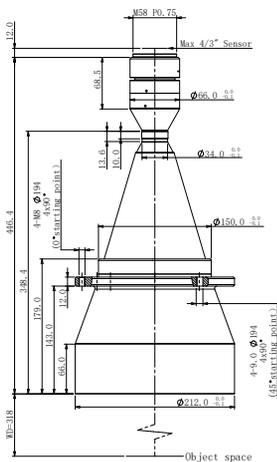
FOV(Φmm)	136
Mag.(x)	0.177
WD(mm)	288±5
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±20.4@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	715±5
Length(mm)	415.1
Mount	M58
Weight(kg)	-
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 102.4x76.8
4/3" CMV8000	18.48x13.73 104.4x77.6

DTCM430-150-AL



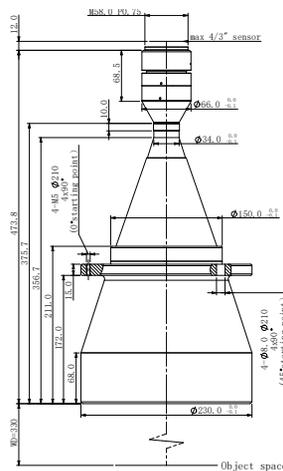
FOV(Φmm)	150
Mag.(x)	0.160
WD(mm)	300±5
Max Sensor Size(Φmm)	24(4/3")
F/#	8.1
MTF30(lp/mm)	>115
DOF(mm)	±25.0@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	697±5
Length(mm)	384.5
Mount	M58
Weight(kg)	6.2
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 113.3x85.0
4/3" CMV8000	18.48x13.73 115.5x85.8

DTCM430-170-AL



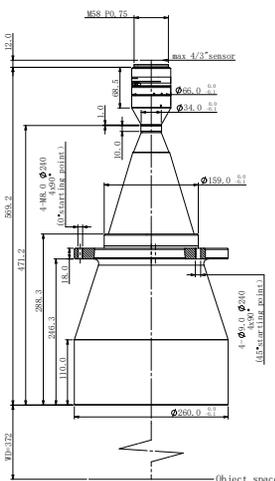
FOV(Φmm)	170
Mag.(x)	0.141
WD(mm)	318±5
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±32.2@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	776±5
Length(mm)	466.4
Mount	M58
Weight(kg)	7.0
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 128.6x96.5
4/3" CMV8000	18.48x13.73 131.1x97.4

DTCM430-190-AL



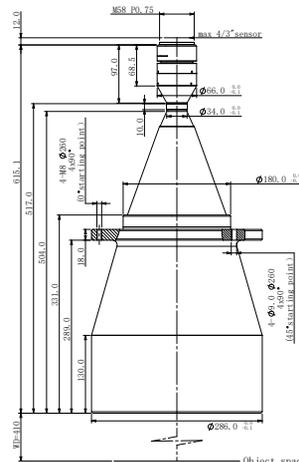
FOV(Φmm)	190
Mag.(x)	0.126
WD(mm)	330±5
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±40.3@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	816±5
Length(mm)	473.8
Mount	M58
Weight(kg)	11.5
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 143.9x107.9
4/3" CMV8000	18.48x13.73 146.7x109.0

DTCM430-216-AL



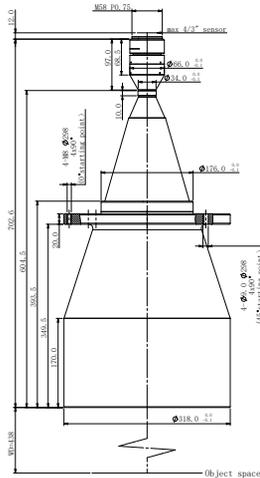
FOV(Φmm)	216
Mag.(x)	0.111
WD(mm)	372±5
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±51.9@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	953±5
Length(mm)	599.2
Mount	M58
Weight(kg)	14.2
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 163.3x122.5
4/3" CMV8000	18.48x13.73 166.5x123.7

DTCM430-240H-AL



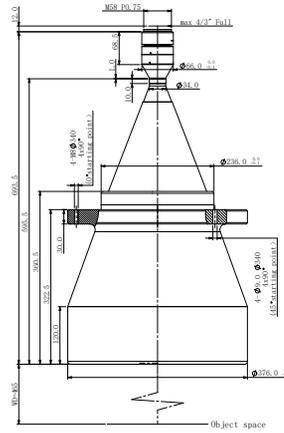
FOV(Φmm)	240
Mag.(x)	0.100
WD(mm)	410±6
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>115
DOF(mm)	±64@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1037±6
Length(mm)	615.1
Mount	M58
Weight(kg)	19.8
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 181.3x136.0
4/3" CMV8000	18.48x13.73 184.8x137.3

DTCM430-268-AL



FOV(Φmm)	268
Mag.(x)	0.090
WD(mm)	438±6
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>120
DOF(mm)	±79@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1153±6
Length(mm)	702.6
Mount	M58
Weight(kg)	-
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 201.4x151.1
4/3" CMV8000	18.48x13.73 205.3x152.6

DTCM430-300-AL



FOV(Φmm)	300
Mag.(x)	0.080
WD(mm)	465±6
Max Sensor Size(Φmm)	24(4/3")
F/#	7.5
MTF30(lp/mm)	>115
DOF(mm)	±100@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1171±6
Length(mm)	693.5
Mount	M58
Weight(kg)	47.0
Field of View (mmxmm)	
4/3" KAI-08050	18.13x13.6 226.6x170.0
4/3" CMV8000	18.48x13.73 231.0x171.6