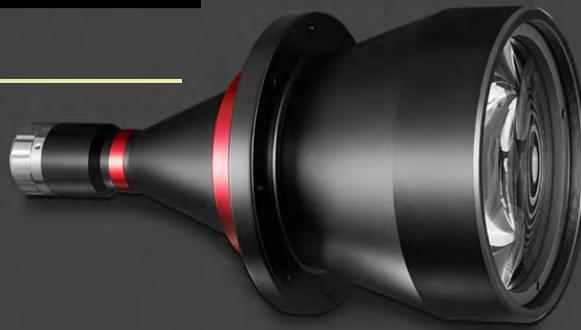


# DTCM11 Series

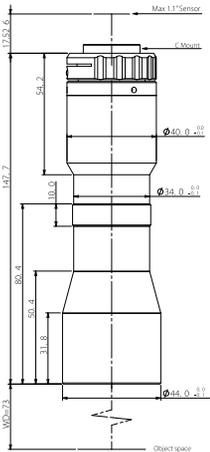
Support 1.1"

Cameras



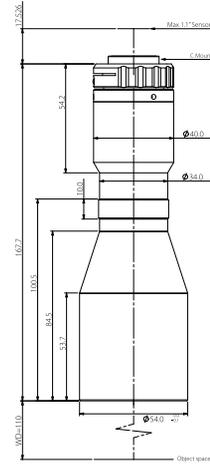
Lens Model	FOV (Φmm)	Mag. β(x)	WD (mm)	Sensor Size (Φmm)	F/#	MTF30 (lp/mm)	DOF (mm)	Distortion (% max)	Telecentricity (° max)	I/O (mm)	Length (mm)	Mount	Weight (kg)
DTCM111-26-AL	26	0.708	73±1	18.4(1.1")	9.6	>75	±1.6@F20	<0.1	<0.1	238±1	147.7	C	0.4
DTCM111-36-AL	36	0.511	110±2	18.4(1.1")	8.7	>85	±3.0@F20	<0.1	<0.1	295±2	167.7	C	0.6
DTCM111-42-AL	42	0.438	118±3	18.4(1.1")	7.2	>115	±3.3@F16	<0.1	<0.1	289±3	153.2	C	0.5
DTCM111-48-AL	48	0.383	128±3	18.4(1.1")	7.2	>115	±4.3@F16	<0.1	<0.1	312±3	166.7	C	0.6
DTCM111-56-AL	56	0.329	138±3	18.4(1.1")	6.2	>145	±4.0@F11	<0.1	<0.1	345±3	189.2	C	0.8
DTCM111-64H-AL	64	0.288	158±3	18.4(1.1")	6.2	>150	±7.8@F16	<0.1	<0.1	377±3	201.7	C	1.0
DTCM111-72-AL	72	0.256	178±3	18.4(1.1")	6.2	>145	±6.7@F11	<0.1	<0.1	417±3	221.7	C	1.2
DTCM111-80H-AL	80	0.230	228±4	18.4(1.1")	6.2	>145	±12.1@F16	<0.1	<0.1	457±4	211.7	C	2.0
DTCM111-90-AL	90	0.204	208±3	18.4(1.1")	6.2	>145	±10.5@F11	<0.1	<0.1	472±3	246.7	C	1.8
DTCM111-100-AL	100	0.184	258±4	18.4(1.1")	7.2	>120	±18.9@F16	<0.1	<0.1	546±4	270.1	C	3.2
DTCM111-110-AL	110	0.167	263±4	18.4(1.1")	6.2	>150	±15.8@F11	<0.1	<0.1	580±4	299.3	C	2.8
DTCM111-120-AL	120	0.153	280±5	18.4(1.1")	6.2	>145	±18.7@F11	<0.1	<0.1	608±5	310.4	C	4.3
DTCM111-136-AL	136	0.135	288±5	18.4(1.1")	6.2	>150	±24.1@F11	<0.1	<0.1	690±5	384.3	C	-
DTCM111-150-AL	150	0.123	300±5	18.4(1.1")	6.2	>145	±29@F11	<0.1	<0.1	671±5	353.7	C	5.8
DTCM111-170-AL	170	0.108	318±5	18.4(1.1")	6.2	>150	±37.7@F11	<0.1	<0.1	751±5	415.6	C	6.6
DTCM111-190-AL	190	0.097	330±5	18.4(1.1")	6.2	>145	±46.7@F11	<0.1	<0.1	791±5	443.0	C	11.2
DTCM111-216-AL	216	0.085	372±5	18.4(1.1")	6.2	>150	±60.9@F11	<0.1	<0.1	928±5	538.4	C	13.9
DTCM111-240H-AL	240	0.077	410±6	18.4(1.1")	6.2	>150	±109@F16	<0.1	<0.1	1012±6	584.2	C	19.4
DTCM111-268-AL	268	0.069	438±6	18.4(1.1")	6.2	>150	±92.4@F11	<0.1	<0.1	1127±6	671.8	C	-
DTCM111-300-AL	300	0.061	465±6	18.4(1.1")	6.2	>145	±118@F11	<0.1	<0.1	1145±6	662.7	C	46.7

## DTCM111-26-AL



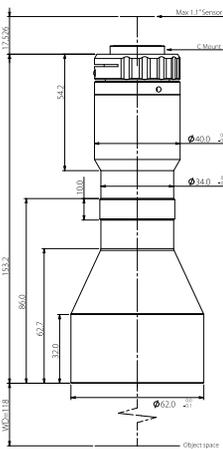
FOV(Φmm)	26
Mag.(x)	0.708
WD(mm)	73±1
Max Sensor Size(Φmm)	18.4(1.1")
F/#	9.6
MTF30(lp/mm)	>75
DOF(mm)	±1.6@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	238±1
Length(mm)	147.7
Mount	C-Mount
Weight(kg)	0.4
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 20.0x14.7

## DTCM111-36-AL



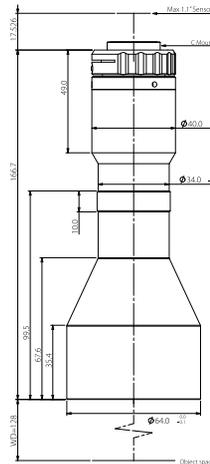
FOV(Φmm)	36
Mag.(x)	0.511
WD(mm)	110±2
Max Sensor Size(Φmm)	18.4(1.1")
F/#	8.7
MTF30(lp/mm)	>85
DOF(mm)	±3.0@F20
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	295±2
Length(mm)	167.7
Mount	C-Mount
Weight(kg)	0.6
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 27.8x20.3

## DTCM111-42-AL



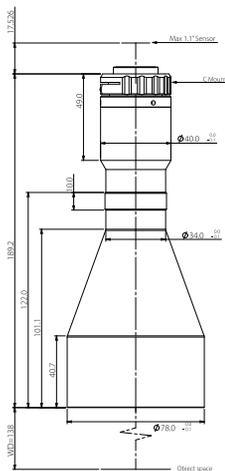
FOV(Φmm)	42
Mag.(x)	0.438
WD(mm)	118±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	7.2
MTF30(lp/mm)	>115
DOF(mm)	±3.3@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	289±3
Length(mm)	153.2
Mount	C-Mount
Weight(kg)	0.5
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 32.4x23.7

## DTCM111-48-AL



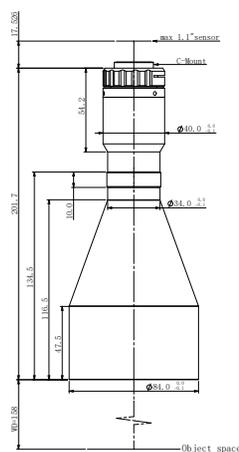
FOV(Φmm)	48
Mag.(x)	0.383
WD(mm)	128±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	7.2
MTF30(lp/mm)	>115
DOF(mm)	±4.3@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	312±3
Length(mm)	166.7
Mount	C-Mount
Weight(kg)	0.6
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 37.0x27.1

## DTCM111-56-AL



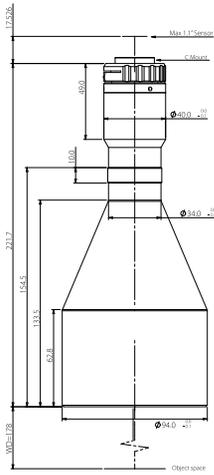
FOV(Φmm)	56
Mag.(x)	0.329
WD(mm)	138±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±4.0@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	345±3
Length(mm)	189.2
Mount	C-Mount
Weight(kg)	0.8
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 43.1x31.6

## DTCM111-64H-AL



FOV(Φmm)	64
Mag.(x)	0.288
WD(mm)	158±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±7.8@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	377±3
Length(mm)	201.7
Mount	C-Mount
Weight(kg)	1.0
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 49.3x36.0

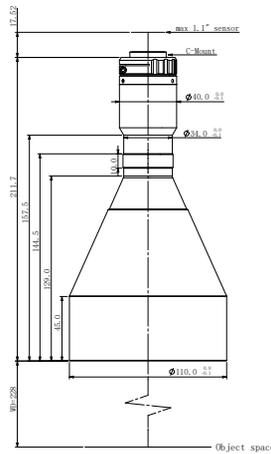
## DTCM111-72-AL



FOV(Φmm)	72
Mag.(x)	0.256
WD(mm)	178±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±6.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	417±3
Length(mm)	221.7
Mount	C-Mount
Weight(kg)	1.2

Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	55.4x40.5

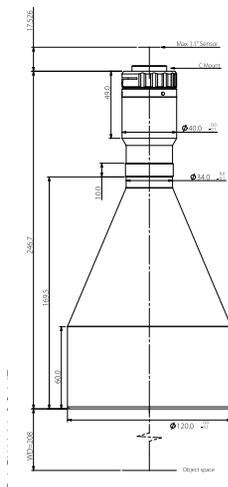
## DTCM111-80H-AL



FOV(Φmm)	80
Mag.(x)	0.230
WD(mm)	228±4
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±12.1@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	457±4
Length(mm)	211.7
Mount	C-Mount
Weight(kg)	2.0

Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	61.7x45.1

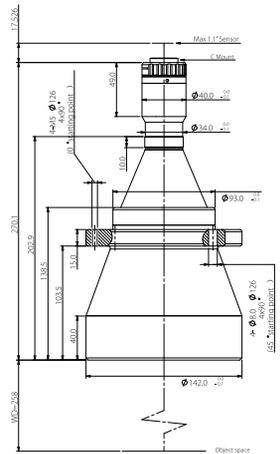
## DTCM111-90-AL



FOV(Φmm)	90
Mag.(x)	0.204
WD(mm)	208±3
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±10.5@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	472±3
Length(mm)	246.7
Mount	C-Mount
Weight(kg)	1.8

Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	69.6x50.9

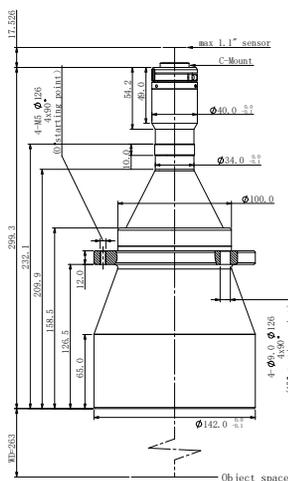
## DTCM111-100-AL



FOV(Φmm)	100
Mag.(x)	0.184
WD(mm)	258±4
Max Sensor Size(Φmm)	18.4(1.1")
F/#	7.2
MTF30(lp/mm)	>120
DOF(mm)	±18.9@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	546±4
Length(mm)	270.1
Mount	C-Mount
Weight(kg)	3.2

Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	77.1x56.4

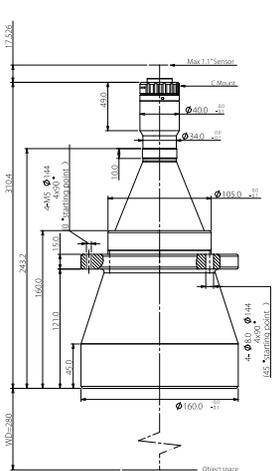
## DTCM111-110-AL



FOV(Φmm)	110
Mag.(x)	0.167
WD(mm)	263±4
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±15.8@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	580±4
Length(mm)	299.3
Mount	C-Mount
Weight(kg)	2.8

Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	85.0x62.2

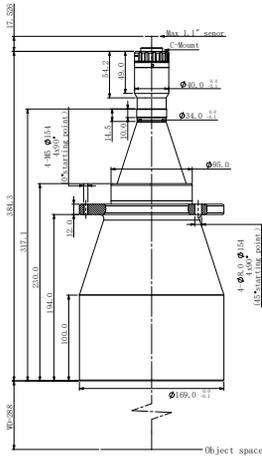
## DTCM111-120-AL



FOV(Φmm)	120
Mag.(x)	0.153
WD(mm)	280±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±18.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	608±5
Length(mm)	310.4
Mount	C-Mount
Weight(kg)	4.3

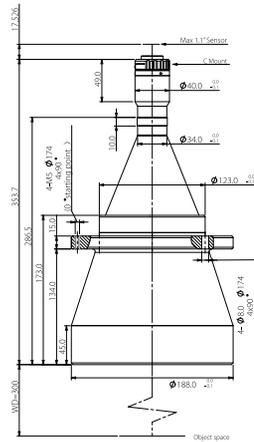
Field of View (mmxmm)		
1.1" IMX253	14.19x10.38	92.7x67.8

## DTCM111-136-AL



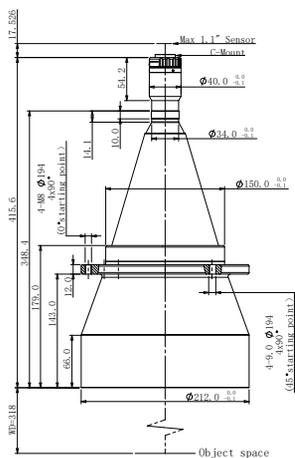
FOV(Φmm)	136
Mag.(x)	0.135
WD(mm)	288±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±24.1@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	690±5
Length(mm)	384.3
Mount	C-Mount
Weight(kg)	-
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 105.1x76.9

## DTCM111-150-AL



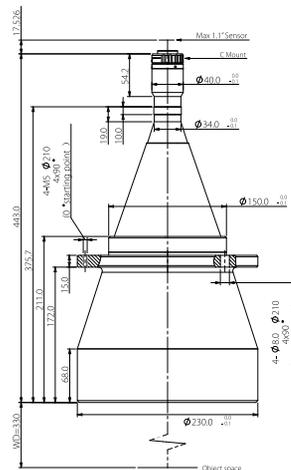
FOV(Φmm)	150
Mag.(x)	0.123
WD(mm)	300±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±29@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	671±5
Length(mm)	353.7
Mount	C-Mount
Weight(kg)	5.8
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 115.4x84.4

## DTCM111-170-AL



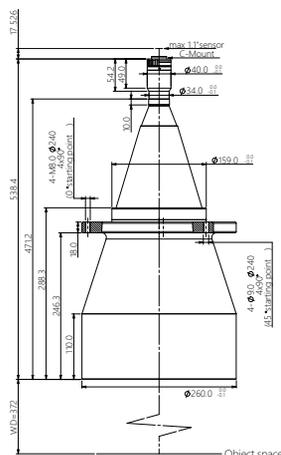
FOV(Φmm)	170
Mag.(x)	0.108
WD(mm)	318±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±37.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	751±5
Length(mm)	415.6
Mount	C-Mount
Weight(kg)	6.6
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 131.4x96.1

## DTCM111-190-AL



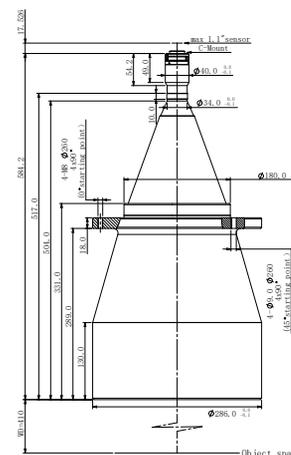
FOV(Φmm)	190
Mag.(x)	0.097
WD(mm)	330±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±46.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	791±5
Length(mm)	443.0
Mount	C-Mount
Weight(kg)	11.2
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 146.3x107.0

## DTCM111-216-AL



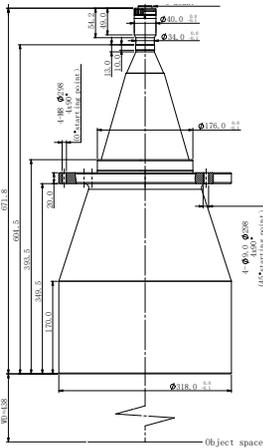
FOV(Φmm)	216
Mag.(x)	0.085
WD(mm)	372±5
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±60.9@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	928±5
Length(mm)	538.4
Mount	C-Mount
Weight(kg)	13.9
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 166.9x122.1

## DTCM111-240H-AL



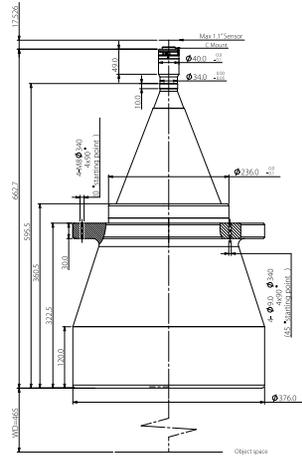
FOV(Φmm)	240
Mag.(x)	0.077
WD(mm)	410±6
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±109@F16
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1012±6
Length(mm)	584.2
Mount	C-Mount
Weight(kg)	19.4
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 184.3x134.8

## DTCM111-268-AL



FOV(Φmm)	268
Mag.(x)	0.069
WD(mm)	438±6
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
DOF(mm)	±92.4@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1127±6
Length(mm)	671.8
Mount	C-Mount
Weight(kg)	-
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 205.7x150.4

## DTCM111-300-AL



FOV(Φmm)	300
Mag.(x)	0.061
WD(mm)	465±6
Max Sensor Size(Φmm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
DOF(mm)	±118@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1145±6
Length(mm)	662.7
Mount	C-Mount
Weight(kg)	46.7
Field of View (mmxmm)	
1.1" IMX253	14.19x10.38 232.6x170.2