

Telecentric Lens

Ultra long working distance telecentric lens

Model No:

Maximum support

1.1' (18.5mm)



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1.1' (18.5mm)

Target camera



Professional customization of multiples and depth of field

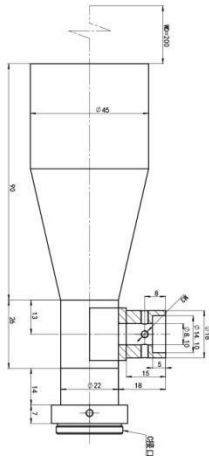
Grand View Large Aperture. High Far Center

Low distortion telecentric optical path design
High definition High resolution

Multiples change from 0.3-8.0X field of view from 80-2mm

Type	Lens Model	Mag	WD	DOF mm	Resolution (um)	Telecen tricity	Optical distortion	2/3"CCD (8.4*7.1)mm	1"CCD (13.1*8.7)mm	1.1"CCD (14.1*10.3)mm
Coaxial	NV200-03T50	0.3X	200	11.9	25.8	<0.1	<0.1	28*23.7	NA	NA
	NV200-1T28	1.0X	200	1.9	15.3	<0.1	<0.1	8.4*7.1	NA	NA
	NV210-022T50	0.22X	210	14.3	25.5	<0.1	<0.1	38.2*32.3	NA	NA
	NV210-2T28	2.0X	210	0.5	7.5	<0.1	<0.1	4.2*3.6	NA	NA
	NV250-05T28	0.5X	250	3.3	13.3	<0.1	<0.1	16.8*14.2	NA	NA
	NV250-08T32	0.8X	250	3.6	23.5	<0.1	<0.1	10.5*8.9	NA	NA
	NV250-1T28	1.0X	250	1.8	15.3	<0.1	<0.1	8.4*7.1	NA	NA
	NV250-15T28	1.5X	250	1.0	12.5	<0.1	<0.1	5.6*4.7	NA	NA
	NV290-05T28	0.5X	290	3.3	13.3	<0.1	<0.1	16.8*14.2	NA	NA
	NV300-1T23	1.0X	300	1.3	10.7	<0.1	<0.1	8.4*7.1	NA	NA
	NV320-1T28	1.0X	320	0.8	6.7	<0.1	<0.1	8.4*7.1	NA	NA
	NV428-1T28	1.0X	428	1.4	12.0	<0.1	<0.1	8.4*7.1	NA	NA
	NV450-05T28	0.5X	450	5.5	22.4	<0.1	<0.1	16.8*14.2	NA	NA
	NV510-05T28	0.5X	510	5.8	23.5	<0.1	<0.1	18.8*14.2	NA	NA
	NV520-1T28	1.0X	520	2.3	18.8	<0.1	<0.1	8.4*7.1	NA	NA
	NV650-05T28-2.5	0.5X	650	4.1	16.5	<0.1	<0.1	NA	NA	NA
	NV700-05T28-2.5	0.5X	700	6.6	26.8	<0.1	<0.1	NA	NA	NA

DH200-03T50



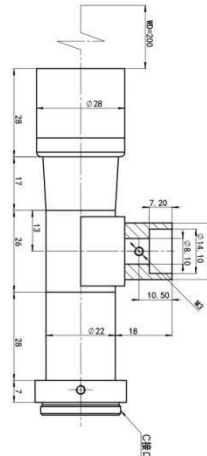
Main parameters

Mag	0.3X
WD	200
DOF(mm)	11.9
Resolution(um)	25.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH200-1T28



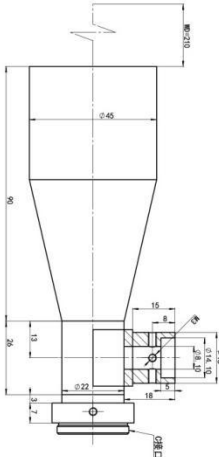
Main parameters

Mag	1.0X
WD	200
DOF(mm)	1.9
Resolution(um)	15.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH210-022T50



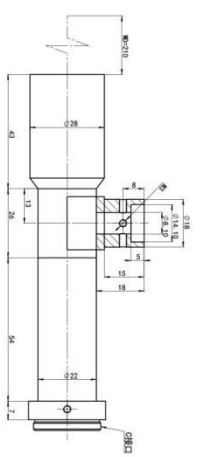
Main parameters

Mag	0.22X
WD	210
DOF(mm)	14.3
Resolution(um)	25.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	38.2*32.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH210-2T28



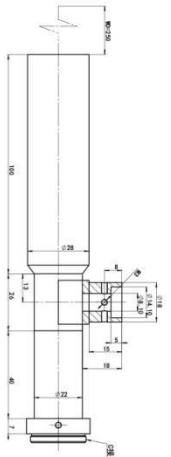
Main parameters

Mag	2.0X
WD	210
DOF(mm)	0.5
Resolution(um)	7.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	4.2*3.6
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-05T28



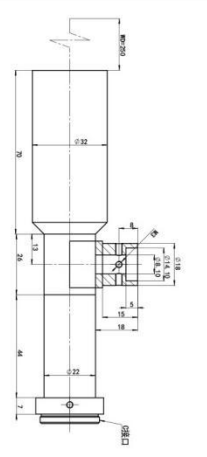
Main parameters

Mag	0.5X
WD	250
DOF(mm)	3.3
Resolution(um)	13.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-08T32



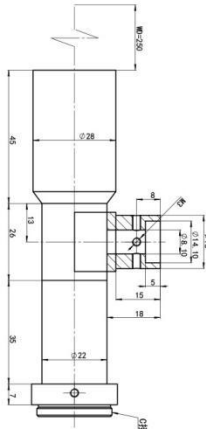
Main parameters

Mag	0.8X
WD	250
DOF(mm)	3.6
Resolution(um)	23.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	10.5*8.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-1T28



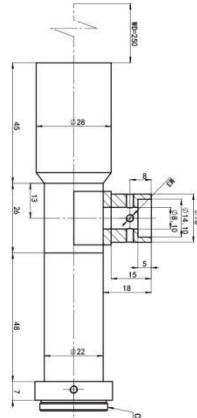
Main parameters

Mag	1.0X
WD	250
DOF(mm)	1.8
Resolution(um)	15.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-15T28



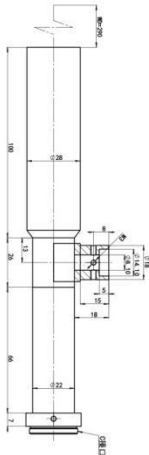
Main parameters

Mag	1.5X
WD	250
DOF(mm)	1.0
Resolution(um)	12.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	5.6*4.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH290-05T28



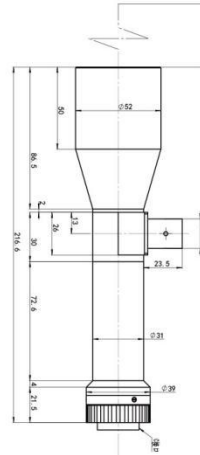
Main parameters

Mag	0.5X
WD	290
DOF(mm)	3.3
Resolution(um)	13.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH300-1T23



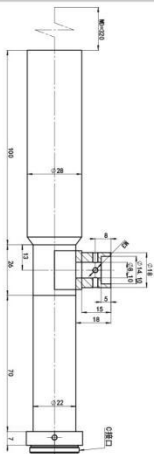
Main parameters

Mag	1.0X
WD	300
DOF(mm)	1.3
Resolution(um)	10.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH320-1T28



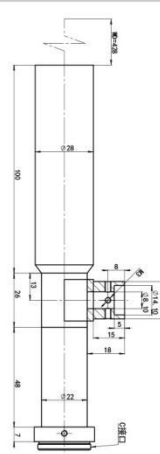
Main parameters

Mag	1.0X
WD	320
DOF(mm)	0.8
Resolution(um)	6.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH428-1T28



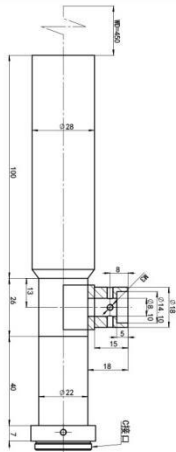
Main parameters

Mag	1.0X
WD	428
DOF(mm)	1.4
Resolution(um)	12.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH450-05T28



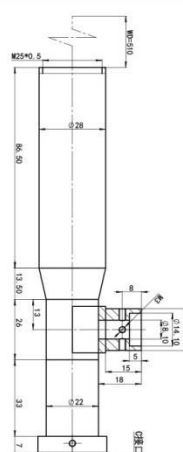
Main parameters

Mag	0.5X
WD	450
DOF(mm)	5.5
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH510-05T28



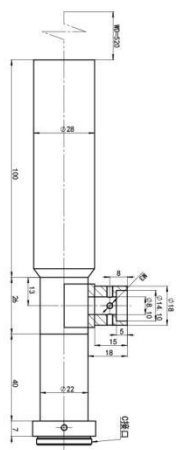
Main parameters

Mag	0.5X
WD	510
DOF(mm)	5.8
Resolution(um)	23.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	18.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH520-1T28



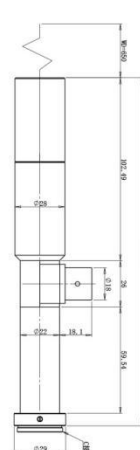
Main parameters

Mag	1.0X
WD	520
DOF(mm)	2.3
Resolution(um)	18.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH650-05T28-2.5



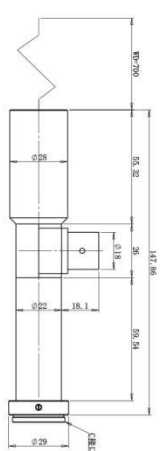
Main parameters

Mag	0.5X
WD	650
DOF(mm)	4.1
Resolution(um)	16.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

1/2.5" CCD(5.7*4.2)	11.4*8.4
1" CCD(13.1*8.7)	NA
1.1"CCD(14.10.3)	NA

DH700-05T28-2.5



Main parameters

Mag	0.5X
WD	700
DOF(mm)	6.6
Resolution(um)	26.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

1/2.5" CCD(5.7*4.2)	11.4*8.4
1" CCD(13.1*8.7)	NA
1.1"CCD(14.10.3)	NA

Type	Lens Model	Mag	WD	DOF mm	Resolution (um)	Telecen tricity	Optical distortion	2/3"CCD (8.4*7.1)mm	1"CCD (13.1*8.7)mm	1.1"CCD (14.1*10.3)mm
Non-Coaxial	NV100-05X31-23	0.5X	100	3.9	15.8	<0.1	<0.1	16.8*14.2	NA	NA
	NV130-045X31-23	0.45X	130	4.6	16.7	<0.1	<0.1	18.7*15.8	NA	NA
	NV140-04X31-23	0.4X	140	5.7	18.5	<0.1	<0.1	21*17.8	NA	NA
	NV160-035X31-23	0.35X	160	7.1	20.3	<0.1	<0.1	24*20.3	NA	NA
	NV190-03X31-23	0.3X	190	9.7	24.0	<0.1	<0.1	28*23.7	NA	NA
	NV200-08X31-23	0.8X	200	1.8	12.0	<0.1	<0.1	10.5*8.9	NA	NA
	NV210-07X31-23	0.7X	210	2.3	12.9	<0.1	<0.1	12*10.2	NA	NA
	NV220-05X31-23	0.5X	220	3.6	14.8	<0.1	<0.1	16.8*14.2	NA	NA
	NV220-06X31-23	0.6X	220	3.1	15.1	<0.1	<0.1	14*11.8	NA	NA
	NV230-025X31-23	0.25X	230	14.5	29.5	<0.1	<0.1	33.6*28.4	NA	NA
	NV240-04X31-23	0.4X	240	5.4	17.6	<0.1	<0.1	21*17.8	NA	NA
	NV240-078X31	0.78X	240	2.4	15.3	<0.1	<0.1	10.8*9.1	NA	NA
	NV255-035 X31-23	0.35X	255	6.9	19.7	<0.1	<0.1	24*20.3	NA	NA
	NV250-05X31-23	0.5X	250	3.5	14.1	<0.1	<0.1	16.8*14.2	NA	NA
	NV250-05X31-18	0.5X	250	4.9	20.1	<0.1	<0.1	16.8*14.3	26.2*17.4	28.2*20.6
	NV250-09X28-23	0.9X	250	2.5	18.6	<0.1	<0.1	9.3*7.9	NA	NA
	NV270-047X31	0.47X	270	2.2	8.2	<0.1	<0.1	17.8*15	NA	NA
	NV290-05X28-23	0.5X	290	4.1	17.7	<0.1	<0.1	16.8*14.2	NA	NA
	NV290-08X28-23	0.8X	290	2.8	18.6	<0.1	<0.1	10.5*8.9	NA	NA

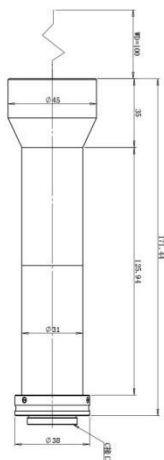


Type	Lens Model	Mag	WD	DOF mm	Resolution (um)	Telecen tricity	Optical distortion	2/3"CCD (8.4*7.1)mm	1"CCD (13.1*8.7)mm	1.1"CCD (14.1*10.3)mm
Non-Coaxial	NV300-02X31-23	0.2X	300	22.7	36.9	<0.1	<0.1	42*35.5	NA	NA
	NV300-03X31-23	0.3X	300	9.2	22.4	<0.1	<0.1	28*23.7	NA	NA
	NV300-03X31-16	0.3X	300	12.5	30.4	<0.1	<0.1	28*23.7	43.7*29	NA
	NV300-05X31-23	0.5X	300	3.3	13.4	<0.1	<0.1	16.8*14.2	NA	NA
	NV300-04X31-18	0.4X	300	6.4	21.0	<0.1	<0.1	21*17.8	32.8*21.8	35.8*25.8
	NV310-04X31-16	0.4X	310	7.4	24.0	<0.1	<0.1	21*17.8	32.8*21.8	NA
	NV320-025X31-8	0.25X	320	11.1	22.5	<0.1	<0.1	NA	NA	NA
	NV320-1F28HR	1.0X	320	0.8	6.7	<0.1	<0.1	8.4*7.1	NA	NA
	NV330-018X31-23	0.18X	330	28.0	41.0	<0.1	<0.1	46.7*39.4	NA	NA
	NV330-025F28X	0.25X	330	12.7	25.8	<0.1	<0.1	33.6*28.4	NA	NA
	NV330-035X31-16	0.35X	330	10.6	30.3	<0.1	<0.1	24*20.3	37.4*24.9	NA
	NV330-04X28-23	0.4X	330	5.4	17.7	<0.1	<0.1	21*17.8	NA	NA
	NV330-07X28-23	0.7X	330	3.7	22.4	<0.1	<0.1	12*10.1	NA	NA
	NV330-08X34-34	0.8X	330	1.9	12.4	<0.1	<0.1	10.5*8.9	16.4*10.9	NA
	NV339-3X31-18	3.0X	339	0.3	7.5	<0.1	<0.1	2.8*2.4	4.4*2.9	4.7*3.4
	NV340-03X31-23	0.3X	340	10.3	25.8	<0.1	<0.1	28*23.7	NA	NA
	NV345-019F28HR-8	0.19X	345	18.7	29.0	<0.1	<0.1	NA	NA	NA
	NV350-05X31-16	0.5X	350	4.6	18.5	<0.1	<0.1	16.8*14.2	26.2*17.4	NA
	NV350-08F28HR	0.8X	350	1.7	11.2	<0.1	<0.1	10.5*8.9	NA	NA
	NV350-15X31-16	1.5X	350	0.8	10.5	<0.1	<0.1	5.6*4.7	8.7*5.8	NA
	NV350-2X31-18	2.0X	350	0.5	7.4	<0.1	<0.1	4.2*3.6	6.6*4.4	7.1*5.2
	NV360-035X28-23	0.35X	360	6.1	17.7	<0.1	<0.1	24*20.3	NA	NA
	NV360-065X28-23	0.65X	360	4.7	25.8	<0.1	<0.1	12.9*10.9	NA	NA
	NV360-15X31-18	1.5X	360	0.6	7.6	<0.1	<0.1	5.6*4.7	8.7*5.8	9.4*6.9
	NV380-03X31-16	0.3X	380	12.5	30.4	<0.1	<0.1	28*23.7	43.7*29	NA
	NV380-06X28-23	0.6X	380	4.8	24.0	<0.1	<0.1	14*11.8	NA	NA
	NV381-1X31-18	1.0X	381	1.5	12.1	<0.1	<0.1	8.4*7.1	13.1*8.7	14.1*10.3
	NV400-02X31-8	0.2X	400	17.5	28.5	<0.1	<0.1	NA	NA	NA
	NV400-03X31-23	0.3X	400	9.2	22.4	<0.1	<0.1	28*23.7	NA	NA
	NV400-03X31-18	0.3X	400	7.8	19.0	<0.1	<0.1	28*23.7	43.7*29	47*34.3
	NV400-05F28	0.5X	400	3.3	13.4	<0.1	<0.1	16.8*14.2	NA	NA
	NV400-06X31-23	0.6X	400	2.8	13.4	<0.1	<0.1	14*11.8	NA	NA
	NV400-1F28	1.0X	400	1.4	12.0	<0.1	<0.1	8.4*7.1	NA	NA
	NV400-1X31-16	1.0X	400	1.5	11.9	<0.1	<0.1	8.4*7.1	13.1*8.7	NA

Type	Lens Model	Mag	WD	DOF mm	Resolution (um)	Telecen tricity	Optical distortion	2/3"CCD (8.4*7.1)mm	1"CCD (13.1*8.7)mm	1.1"CCD (14.1*10.3)mm
Non-Coaxial	NV400-04X31-18	0.4X	400	6.2	21.0	<0.1	<0.1	21*17.8	32.8*21.8	35*25.8
	NV410-05X28-23	0.5X	410	6.6	28.0	<0.1	<0.1	16.8*14.2	NA	NA
	NV435-014X31-23	0.14X	435	48.0	54.6	<0.1	<0.1	60*50.7	NA	NA
	NV420-05X31-18	0.5X	420	3.6	15.3	<0.1	<0.1	16.8*14.2	26.2*17.4	28.2*20.6
	NV430-035X31-23	0.35X	430	9.6	27.2	<0.1	<0.1	24*20.3	NA	NA
	NV435-019F28HR-8	0.19X	435	31.1	48.1	<0.1	<0.1	NA	NA	NA
	NV440-05F28HR	0.5X	440	4.9	20.1	<0.1	<0.1	16.8*14.2	NA	NA
	NV460-025X28-23	0.25X	460	9.6	19.7	<0.1	<0.1	33.6*28.4	NA	NA
	NV480-012X31-23	0.12X	480	49.3	48.1	<0.1	<0.1	70*59.2	NA	NA
	NV500-025X31-23	0.25X	500	14.9	30.3	<0.1	<0.1	33.6*28.4	NA	NA
	NV500-04X31-8	0.4X	500	5.2	16.8	<0.1	<0.1	NA	NA	NA
	NV500-04X31-18	0.4X	500	4.7	15.3	<0.1	<0.1	21*17.8	32.8*21.8	35.3*25.8
	NV500-05X31-18	0.5X	500	5.1	20.8	<0.1	<0.1	16*14.2	26.2*17.4	28.2*20.6
	NV500-06X31-16	0.6X	500	3.4	16.8	<0.1	<0.1	14*11.8	21.8*14.5	NA
	NV500-03X31-18	0.3X	500	9.2	22.4	<0.1	<0.1	28*23.7	43.7*29	47*34.3
	NV510-05F28X	0.5X	510	3.1	12.8	<0.1	<0.1	16.8*14.2	NA	NA
	NV520-021X28-23	0.21X	520	12.7	22.4	<0.1	<0.1	40*33.8	NA	NA
	NV520-1F28X	1.0X	520	2.3	18.8	<0.1	<0.1	8.4*7.1	NA	NA
	NV550-02X31-16	0.2X	550	31.6	51.3	<0.1	<0.1	42*35.5	65.5*43.5	NA
	NV560-033X28-23	0.33X	560	12.4	33.6	<0.1	<0.1	25.5*21.5	NA	NA
	NV560-035X31-18	0.35X	560	5.1	14.6	<0.1	<0.1	24*20.3	37.4*24.9	40.3*29.4
	NV560-06X31-18	0.6X	560	2.6	12.9	<0.1	<0.1	14*11.8	21.8*14.5	23.5*17.2
	NV570-01X31-23	0.1X	570	90.7	73.8	<0.1	<0.1	84*71	NA	NA
	NV570-04X31-18	0.4X	570	6.4	20.8	<0.1	<0.1	21*17.8	32.8*21.8	35.3*25.8
	NV580-02X31-18	0.2X	580	24.8	40.3	<0.1	<0.1	42*35.5	65.5*43.5	70.5*51.5
	NV590-02X31-16	0.2X	590	31.6	51.3	<0.1	<0.1	42*35.5	65.5*43.5	NA
	NV600-02X31-23	0.2X	600	22.7	36.9	<0.1	<0.1	42*35.5	NA	NA
	NV600-03F28HR	0.3X	600	9.7	23.7	<0.1	<0.1	28*23.7	NA	NA
	NV600-04X31-16	0.4X	600	8.6	27.8	<0.1	<0.1	21*17.8	32.8*21.8	NA
	NV600-045X31-23	0.45X	600	4.3	15.8	<0.1	<0.1	18.7*15.8	NA	NA
	NV610-03X28-23	0.3X	610	19.3	47.9	<0.1	<0.1	28*23.7	NA	NA
	NV630-05X31-18	0.5X	630	3.3	13.4	<0.1	<0.1	16.8*14.2	26.2*17.4	28.2*20.6
	NV630-07X31-18	0.7X	630	2.3	13.2	<0.1	<0.1	12*10.2	18.7*12.4	20.1*14.7
	NV635-03X31-18	0.3X	635	6.9	16.8	<0.1	<0.1	28*23.7	43.7*29	47*34.3

Type	Lens Model	Mag	WD	DOF mm	Resolution (um)	Telecen tricity	Optical distortion	2/3"CCD (8.4*7.1)mm	1"CCD (13.1*8.7)mm	1.1"CCD (14.1*10.3)mm
Non-Coaxial	NV640-016X28-23	0.16X	640	24.2	30.5	<0.1	<0.1	52.5*44.4	NA	NA
	NV650-014X30-16	0.14X	650	58.9	67.1	<0.1	<0.1	60*50.7	93.6*62.1	NA
	NV650-018X31-23	0.18X	650	29.8	43.6	<0.1	<0.1	46.7*39.4	NA	NA
	NV650-04X31-16	0.4X	650	6.0	19.6	<0.1	<0.1	21*17.8	32.8*21.8	NA
	NV670-06X31-18	0.6X	670	3.1	15.1	<0.1	<0.1	14*11.8	21.8*14.5	23.5*17.2
	NV680-045X31-18	0.45X	680	4.1	14.9	<0.1	<0.1	18.7*15.8	29.1*19.3	31.3*22.9
	NV685-02X31-23	0.2X	685	20.6	33.6	<0.1	<0.1	42*35.5	NA	NA
	NV700-012X31-23	0.12X	700	68.8	67.1	<0.1	<0.1	70*59.2	NA	NA
	NV700-016X31-23	0.16X	700	34.2	44.5	<0.1	<0.1	52.5*44.4	NA	NA
	NV700-02X31-18	0.2X	700	20.6	33.6	<0.1	<0.1	42*35.5	65.5*43.5	70.5*51.5
	NV700-03X31-18	0.3X	700	8.4	20.6	<0.1	<0.1	28*23.7	43.7*29	47*34.3
	NV700-05F28-2.5	0.5X	700	6.6	26.8	<0.1	<0.1	NA	NA	NA
	NV700-05X31-18	0.5X	700	3.7	15.2	<0.1	<0.1	16.8*14.2	26.2*17.4	28.2*20.6
	NV715-035X31-23	0.35X	715	6.7	19.7	<0.1	<0.1	24*20.3	NA	NA
	NV730-05X31-16	0.5X	730	8.2	33.1	<0.1	<0.1	16.8*14.2	26.2*17.4	NA
	NV740-025X31-18	0.25X	740	10.3	20.9	<0.1	<0.1	33.6*28.4	52.4*34.8	56.4*41.2
	NV750-04X31-18	0.4X	750	4.9	15.9	<0.1	<0.1	21*17.8	32.8*21.8	35.3*25.8
	NV750-05X31-18	0.5X	750	4.1	16.5	<0.1	<0.1	16.8*14.2	26.2*17.4	28.2*20.6
	NV800-01X31-23	0.1X	800	82.5	67.1	<0.1	<0.1	84*71	NA	NA
	NV800-012X28-23	0.12X	800	37.2	37.3	<0.1	<0.1	70*59.2	NA	NA
	NV800-03X31-23	0.3X	800	9.2	22.4	<0.1	<0.1	28*23.7	NA	NA
	NV840-03X31-18	0.3X	840	10.1	24.6	<0.1	<0.1	28*23.7	43.7*29	47*34.3
	NV840-04X31-18	0.4X	840	5.7	18.5	<0.1	<0.1	21*17.8	32.8*21.8	35.3*25.8
	NV890-02X31-18	0.2X	890	18.8	30.5	<0.1	<0.1	42*35.5	65.5*43.5	70.5*51.5
	NV900-015X31-18	0.15X	900	45.8	55.9	<0.1	<0.1	56*47.3	87.3*58	94*68.7
	NV900-025X31-23	0.25X	900	12.5	25.5	<0.1	<0.1	33.6*28.4	NA	NA
	NV900-035X31-18	0.35X	900	7.4	21.1	<0.1	<0.1	24*20.3	37.4*24.9	40.3*29.4
	NV940-03X31-18	0.3X	940	9.2	22.4	<0.1	<0.1	28*23.7	43.7*29	47*34.3
	NV950-02X31-18	0.2X	950	22.7	36.9	<0.1	<0.1	42*35.5	65.5*43.5	70.5*51.5
	NV960-03X31-16	0.3X	960	19.5	47.6	<0.1	<0.1	28*23.7	43.7*29	NA
	NV1000-02X31-23	0.2X	1000	20.6	33.6	<0.1	<0.1	42*35.5	NA	NA
	NV1120-02X31-18	0.2X	1120	20.6	33.6	<0.1	<0.1	42*35.5	65.5*43.5	70.5*51.5
	NV1200-015X31-18	0.15X	1200	45.1	55.0	<0.1	<0.1	56*47.3	87.3*58	94*68.7

DH100-05X31-23



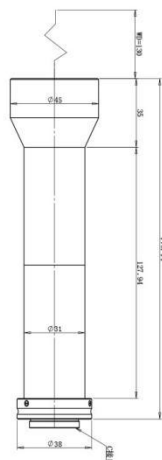
Main parameters

Mag	0.5X
WD	100
DOF(mm)	3.9
Resolution(um)	15.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH130-045X31-23



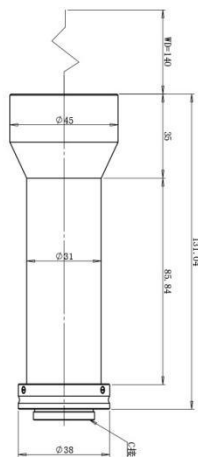
Main parameters

Mag	0.45X
WD	130
DOF(mm)	4.6
Resolution(um)	16.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	18.7*15.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH140-04X31-23



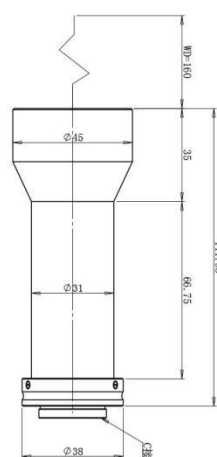
Main parameters

Mag	0.4X
WD	140
DOF(mm)	5.7
Resolution(um)	18.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH160-035X31-23



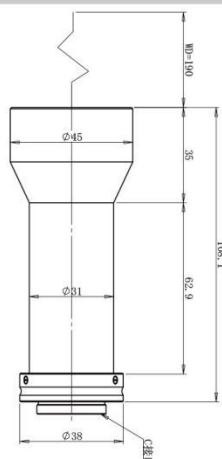
Main parameters

Mag	0.35X
WD	160
DOF(mm)	7.1
Resolution(um)	20.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH190-03X31-23



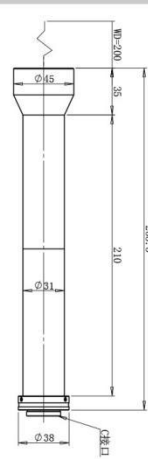
Main parameters

Mag	0.3X
WD	190
DOF(mm)	9.7
Resolution(um)	24.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH200-08X31-23



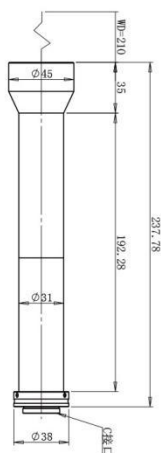
Main parameters

Mag	0.8X
WD	200
DOF(mm)	1.8
Resolution(um)	12.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	10.5*8.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH210-07X31-23



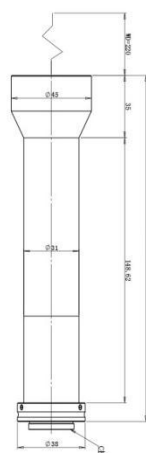
Main parameters

Mag	0.7X
WD	210
DOF(mm)	2.3
Resolution(um)	12.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	12*10.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH220-05X31-23



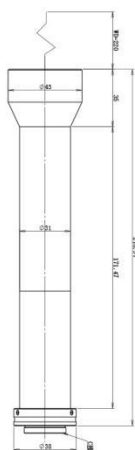
Main parameters

Mag	0.5X
WD	220
DOF(mm)	3.6
Resolution(um)	14.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH220-06X31-23



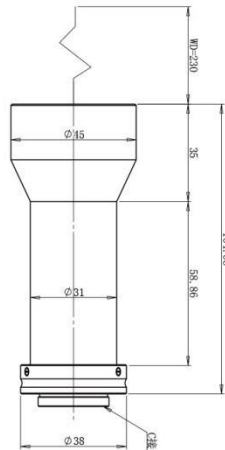
Main parameters

Mag	0.6X
WD	220
DOF(mm)	3.1
Resolution(um)	15.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH230-025X31-23



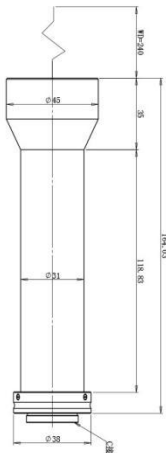
Main parameters

Mag	0.25X
WD	230
DOF(mm)	14.5
Resolution(um)	29.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH240-04X31-23



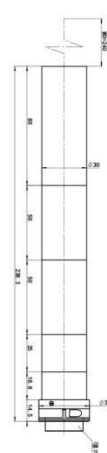
Main parameters

Mag	0.4X
WD	240
DOF(mm)	5.4
Resolution(um)	17.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH240-078X31

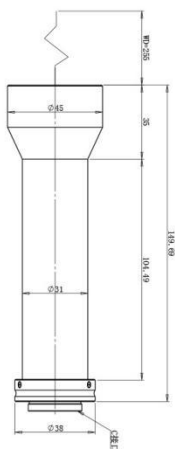


Main parameters

Mag	0.78X
WD	240
DOF(mm)	2.4
Resolution(um)	15.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	10.8*9.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH255-035X31-23**Main parameters**

Mag	0.35X
WD	255
DOF(mm)	6.9
Resolution(um)	19.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

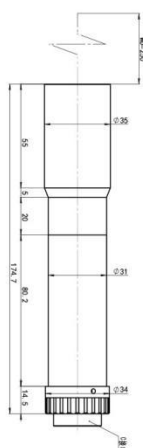
2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-05X31-23**Main parameters**

Mag	0.5X
WD	250
DOF(mm)	3.5
Resolution(um)	14.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

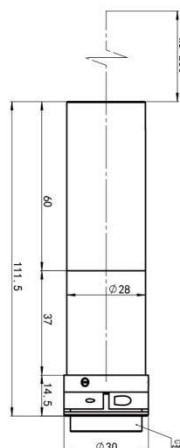
2/3"CCD(8.4*7.1)mm	16.8*14.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH250-05X31-18**Main parameters**

Mag	0.5X
WD	250
DOF(mm)	4.9
Resolution(um)	20.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.3
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	28.2*20.6

DH250-09X28-23**Main parameters**

Mag	0.9X
WD	250
DOF(mm)	2.5
Resolution(um)	18.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

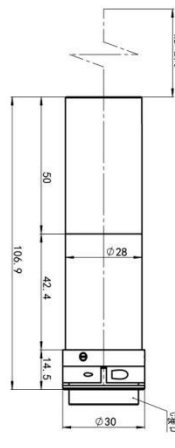
2/3"CCD(8.4*7.1)mm	9.3*7.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH270-047X31**Main parameters**

Mag	0.47X
WD	270
DOF(mm)	2.2
Resolution(um)	8.2
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	17.8*15
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

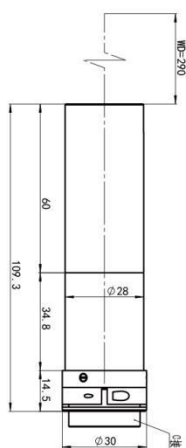
DH290-05X28-23**Main parameters**

Mag	0.5X
WD	290
DOF(mm)	4.1
Resolution(um)	17.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH290-08X28-23



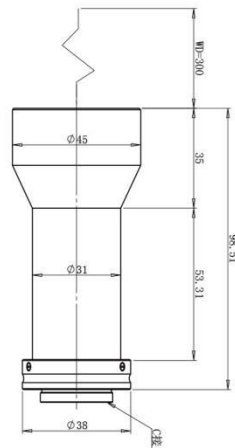
Main parameters

Mag	0.8X
WD	290
DOF(mm)	2.8
Resolution(um)	18.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	10.5*8.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH300-02X31-23



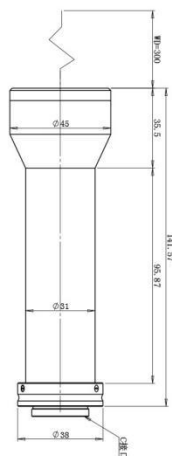
Main parameters

Mag	0.2X
WD	300
DOF(mm)	22.7
Resolution(um)	36.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH300-03X31-23



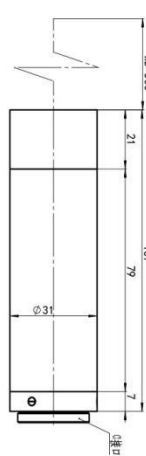
Main parameters

Mag	0.3X
WD	300
DOF(mm)	9.2
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH300-03X31-16



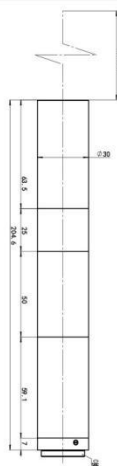
Main parameters

Mag	0.3X
WD	300
DOF(mm)	12.5
Resolution(um)	30.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	NA

DH300-05X31-23



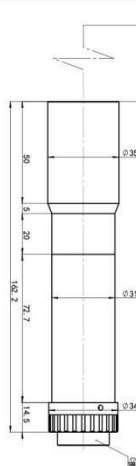
Main parameters

Mag	0.5X
WD	300
DOF(mm)	3.3
Resolution(um)	13.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH300-04X31-18

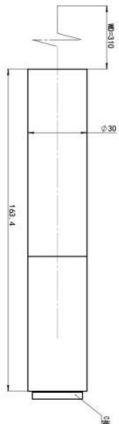


Main parameters

Mag	0.4X
WD	300
DOF(mm)	6.4
Resolution(um)	21.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

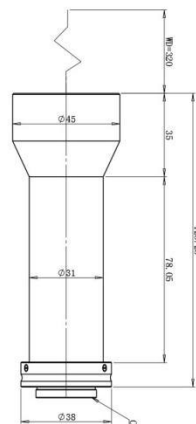
2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	35.8*25.8

DH310-04X31-16**Main parameters**

Mag	0.4X
WD	310
DOF(mm)	7.4
Resolution(um)	24.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

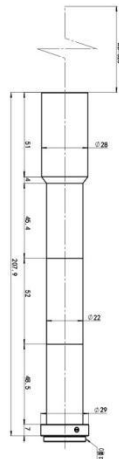
2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	NA

DH320-025X31-8**Main parameters**

Mag	0.25X
WD	320
DOF(mm)	11.1
Resolution(um)	22.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

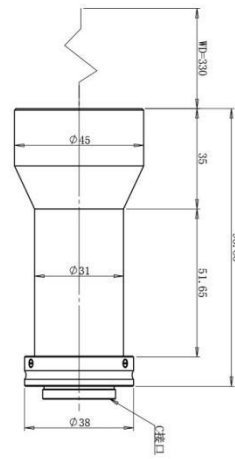
1/2"CCD(6.4*4.8)mm	25.6*19.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH320-1F28 HR**Main parameters**

Mag	1.0X
WD	320
DOF(mm)	0.8
Resolution(um)	6.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

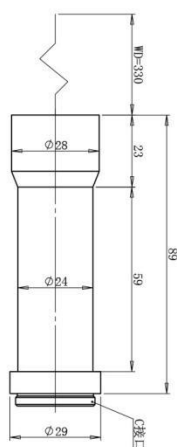
2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH330-018X31-23**Main parameters**

Mag	0.18X
WD	330
DOF(mm)	28.0
Resolution(um)	41.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

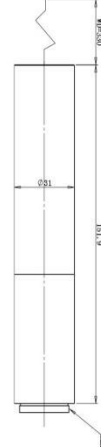
2/3"CCD(8.4*7.1)mm	46.7*39.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH330-025F28X**Main parameters**

Mag	0.25X
WD	330
DOF(mm)	12.7
Resolution(um)	25.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

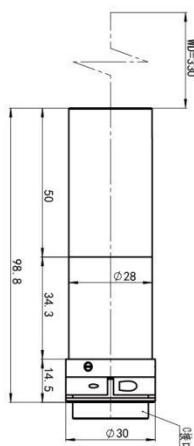
2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH330-035X31-16**Main parameters**

Mag	0.35X
WD	330
DOF(mm)	10.6
Resolution(um)	30.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

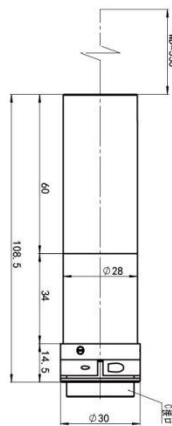
2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	37.4*24.9
1.1"CCD(14.1*10.3)mm	NA

DH330-04X28-23**Main parameters**

Mag	0.4X
WD	330
DOF(mm)	5.4
Resolution(um)	17.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH330-07X28-23**Main parameters**

Mag	0.7X
WD	330
DOF(mm)	3.7
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

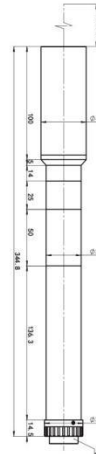
2/3"CCD(8.4*7.1)mm	12*10.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH330-08X34-34**Main parameters**

Mag	0.8X
WD	330
DOF(mm)	1.9
Resolution(um)	12.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

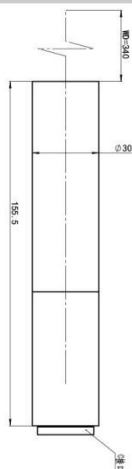
2/3"CCD(8.4*7.1)mm	10.5*8.9
1" CCD(13.1*8.7)mm	16.4*10.9
1.1"CCD(14.1*10.3)mm	NA

DH339-3X31-18**Main parameters**

Mag	3.0X
WD	339
DOF(mm)	0.3
Resolution(um)	7.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

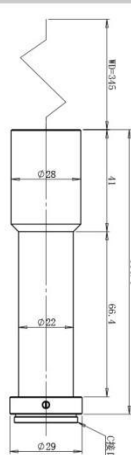
2/3"CCD(8.4*7.1)mm	2.8*2.4
1" CCD(13.1*8.7)mm	4.4*2.9
1.1"CCD(14.1*10.3)mm	4.7*3.4

DH340-03X31-23**Main parameters**

Mag	0.3X
WD	340
DOF(mm)	10.3
Resolution(um)	25.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH345-019F28 HR-8**Main parameters**

Mag	0.19X
WD	345
DOF(mm)	18.7
Resolution(um)	29.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

1/2"CCD(6.4*4.8)mm	33.7*25.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a shaft with the following dimensions and tolerances:

- Total length: 150
- Section 1 (left): 15
- Section 2: 20
- Section 3: 32
- Section 4: 36
- Section 5 (right): 16
- Section 1 diameter: $\varnothing 28$
- Section 4 diameter: $\varnothing 22$
- Section 5 diameter: $\varnothing 29$
- Section 5 feature: A hole with diameter $\varnothing 10$
- Section 5 feature: A keyway with width 10

2/3"CCD(8.4*7.1)mm	10.5*8.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a tube with a total length of 1000 mm and a nominal diameter of 22 mm. The drawing shows a cross-section at the top right. The tube has a series of diameters along its length: 46 mm, 50 mm, 47 mm, 36 mm, 32 mm, 32 mm, 32 mm, 29 mm, and 18 mm. The 18 mm section is the bottom flange, which has a thickness of 10 mm and a central hole with a diameter of 13.4 mm. The 29 mm section has a diameter of 22 mm. The 32 mm section has a diameter of 22 mm. The 36 mm section has a diameter of 22 mm. The 47 mm section has a diameter of 22 mm. The 50 mm section has a diameter of 22 mm. The 46 mm section has a diameter of 22 mm. The cross-section shows a wall thickness of 1.5 mm and a central hole with a diameter of 13.4 mm.

2/3"CCD(8.4*7.1)mm	5.6*4.7
1" CCD(13.1*8.7)mm	8.7*5.8
1.1"CCD(14.1*10.3)mm	NA

2/3"CCD(8.4*7.1)mm	4.2*3.6
1" CCD(13.1*8.7)mm	6.6*4.4
1.1"CCD(14.1*10.3)mm	7.1*5.2

Technical drawing of the front view of a rectangular box. The overall width is 94.6, divided into segments of 50, 30.1, and 14.5. The overall height is 360, with a top section of 30. The bottom section has a diameter of 30 and a central opening with a diameter of 28. A label 'C 港' is indicated on the right side.

2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a shaft with the following dimensions and features:

- Total length: 107.9
- Section 1 length: 60
- Section 2 length: 33.4
- Section 3 length: 14.5
- Section 1 diameter: $\varnothing 28$
- Section 2 diameter: $\varnothing 30$
- Section 3 diameter: $\varnothing 32$
- Keyway width: 8
- Keyway depth: 4
- Keyway position: 2

2/3"CCD(8.4*7.1)mm	12.9*10.9
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

2/3"CCD(8.4*7.1)mm	5.6*4.7
1" CCD(13.1*8.7)mm	8.7*5.8
1.1"CCD(14.1*10.3)mm	9.4*6.9

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	NA

[illegible]

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a vertical shaft assembly. The drawing shows a shaft with a central hole and a flange at the bottom. Dimensions are indicated in millimeters (mm):

- Total height: 606
- Flange thickness: 14
- Flange diameter: $\varnothing 42$
- Shaft diameter: $\varnothing 31$
- Shaft length (excluding flange): 56
- Flange outer diameter: $\varnothing 39$
- Flange inner diameter: $\varnothing 31$
- Flange hole diameter: $\varnothing 14$
- Flange hole spacing: 14
- Flange hole diameter: $\varnothing 9$

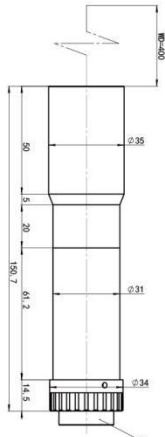
2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	13.1*8.7
1.1"CCD(14.1*10.3)mm	14.1*10.3

1/2"CCD(6.4*4.8)mm	32*24
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.10.3)mm	NA

Technical drawing of a vertical rod. The main view shows a rod with a top diameter of 25.5, a middle diameter of 21, and a bottom diameter of 18. The total height is 107.76. A detail view shows a cross-section with a central hole of diameter 3.8.

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH400-03X31-18



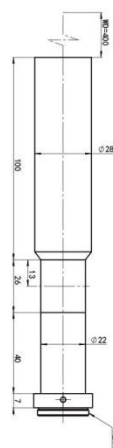
Main parameters

Mag	0.3X
WD	400
DOF(mm)	7.8
Resolution(um)	19.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

DH400-05F28



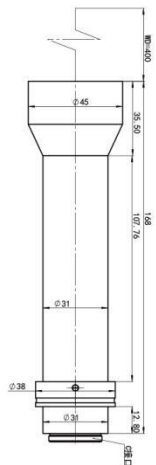
Main parameters

Mag	0.5X
WD	400
DOF(mm)	3.3
Resolution(um)	13.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH400-06X31-23



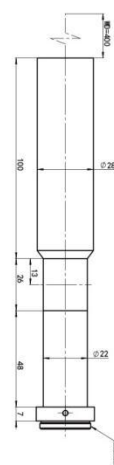
Main parameters

Mag	0.6X
WD	400
DOF(mm)	2.8
Resolution(um)	13.4
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH400-1F28



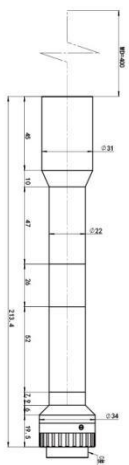
Main parameters

Mag	1.0X
WD	400
DOF(mm)	1.4
Resolution(um)	12.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH400-1X31-16



Main parameters

Mag	1.0X
WD	400
DOF(mm)	1.5
Resolution(um)	11.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	13.1*8.7
1.1"CCD(14.1*10.3)mm	NA

DH400-04X31-18

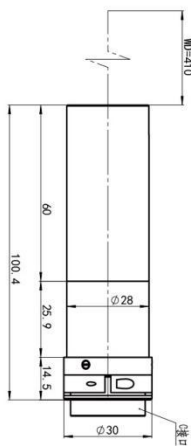


Main parameters

Mag	0.4X
WD	400
DOF(mm)	6.2
Resolution(um)	21.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

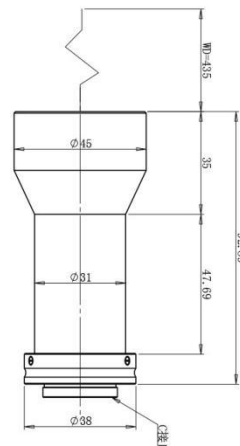
2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	35*25.8

DH410-05X28-23**Main parameters**

Mag	0.5X
WD	410
DOF(mm)	6.6
Resolution(um)	28.0
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

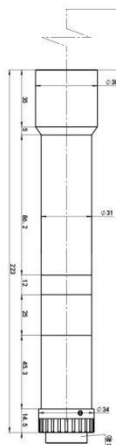
2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH435-014X31-23**Main parameters**

Mag	0.14X
WD	435
DOF(mm)	48.0
Resolution(um)	54.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

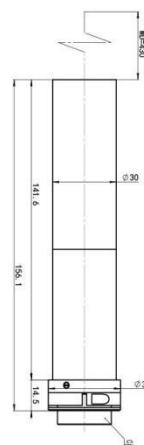
2/3"CCD(8.4*7.1)mm	60*50.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH420-05X31-18**Main parameters**

Mag	0.5X
WD	420
DOF(mm)	3.6
Resolution(um)	15.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

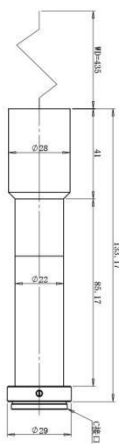
2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	28.2*20.6

DH430-035X31-23**Main parameters**

Mag	0.35X
WD	430
DOF(mm)	9.6
Resolution(um)	27.2
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

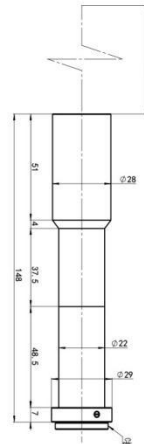
2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH435-019F28HR-8**Main parameters**

Mag	0.19X
WD	435
DOF(mm)	31.1
Resolution(um)	48.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

1/2"CCD(6.4*4.8)mm	38.7*25.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.10.3)mm	NA

DH440-05F28 HR**Main parameters**

Mag	0.5X
WD	440
DOF(mm)	4.9
Resolution(um)	20.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing showing the front view of a rectangular box. The overall width is labeled as WD=460. The total height is 86.3. The height is divided into three sections: 50 at the top, 21.8 in the middle, and 14.5 at the bottom. A horizontal dashed line indicates a center or symmetry axis. A circular feature with diameter $\varnothing 28$ is located in the upper section. In the lower section, there are two circular features: one with diameter $\varnothing 30$ and another smaller one. A dimension line indicates a distance of 7.8 from the bottom edge to the center of the $\varnothing 30$ hole.

Mag	0.25X
WD	460
DOF(mm)	9.6
Resolution(um)	19.7
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Mag	0.12X
WD	480
DOF(mm)	49.3
Resolution(um)	48.1
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	70°59.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a vertical rod with the following dimensions:

- Top diameter: $\varnothing 24.5$
- Intermediate diameter: $\varnothing 23.1$
- Bottom diameter: $\varnothing 22.8$
- Total height: 142.8
- Intermediate height segment: 55
- Bottom height segment: 101.95
- Top break symbol: $\sim$
- Bottom detail: 2mm

Mag	0.25X
WD	500
DOF(mm)	14.9
Resolution(um)	30.3
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a mechanical part, likely a shaft or rod, showing dimensions and tolerances. The drawing includes a side view with a threaded section and a cross-sectional view. Dimensions include 134.2, 50, 39.4, 25.3, 14.5, 0.31, 0.3, and 16. The part has a central hole and a threaded section at the bottom.

Mag	0.4X
WD	500
DOF(mm)	5.2
Resolution(um)	16.8
Telecentricity	<0.1
Optical distortion	<0.1

1/2"CCD(6.4*4.8)mm	16*12
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.10.3)mm	NA

Mag	0.4X
WD	500
DOF(mm)	4.7
Resolution(um)	15.3
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm 21*17.8
1" CCD(13.1*8.7)mm32.8*21.8
1.1"CCD(14.1*10.3)mm35.3*25.8

Mag	0.5X
WD	500
DOF(mm)	5.1
Resolution(um)	20.8
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm 16.8*14.2
1" CCD(13.1*8.7)mm 26.2*17.4
1.1"CCD(14.1*10.3)mm 28.2*20.6

Technical drawing of a vertical rod with the following dimensions (mm):

- Total length: 160.5
- Top section length: 46
- Section 1 length: 10
- Section 2 length: 47
- Section 3 length: 26
- Section 4 length: 17
- Section 5 length: 6
- Bottom section length: 10.5

Dimensions and features:

- Top diameter: $\varnothing 31$
- Section 2 diameter: $\varnothing 22$
- Section 5 diameter: $\varnothing 34$
- Bottom section features a threaded section with a central hole.
- A cross-section view is shown at the top right, indicating a stepped profile.

Mag	0.6X
WD	500
DOF(mm)	3.4
Resolution(um)	16.8
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	21.8*14.5
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a shaft assembly. The drawing shows a shaft with various diameters and lengths. Key features include:

- A central section with diameter $\phi 31$ and length 186.
- A section above it with diameter $\phi 40$ and length 91.
- A section below it with diameter $\phi 34$ and length 62.
- A base section with diameter $\phi 34$ and length 34.
- A total length dimension of 302 indicated at the top left.
- A label "A" pointing to the base section.
- A label "B" pointing to the section with diameter $\phi 34$.
- A label "C" pointing to the section with diameter $\phi 31$.
- A label "D" pointing to the section with diameter $\phi 40$.

Mag	0.3X
WD	500
DOF(mm)	9.2
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

Mag	0.5X
WD	510
DOF(mm)	3.1
Resolution(um)	12.8
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a mechanical part, likely a shaft or rod, showing dimensions and a cross-section. The drawing includes a side view with a break line and a cross-sectional view. Dimensions are given in millimeters (mm). The side view shows a total length of 82.9 mm, with segments of 50 mm, 18.4 mm, and 14.5 mm. The cross-section shows a diameter of 30 mm (outer) and 28 mm (inner). A small circular feature is labeled '0'.

Mag	0.21X
WD	520
DOF(mm)	12.7
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	40*33.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

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

- Total length: 100
- Section 1 (top): 36
- Section 2: 40
- Section 3 (bottom): 7
- Top diameter: 60 ± 0.2
- Section 1 diameter: $\phi 28$
- Section 2 diameter: $\phi 22$
- Bottom feature: A 10mm diameter section with a central hole.

Mag	1.0X
WD	520
DOF(mm)	2.3
Resolution(um)	18.8
Telecentricity	<0.1
Optical distortion	<0.1

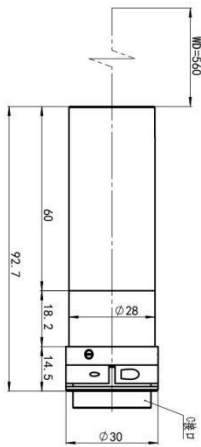
2/3"CCD(8.4*7.1)mm	8.4*7.1
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a shaft with a keyway. The shaft has a diameter of 16 mm and a total length of 95 mm. A keyway is located 30 mm from the right end. The keyway has a width of 6 mm and a depth of 3 mm. The shaft is shown with a break symbol at the left end.

Mag	0.2X
WD	550
DOF(mm)	31.6
Resolution(um)	51.3
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	NA

DH560-033X28-23



Main parameters

Mag	0.33X
WD	560
DOF(mm)	12.4
Resolution(um)	33.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	25.5*21.5
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH560-035X31-18



Main parameters

Mag	0.35X
WD	560
DOF(mm)	5.1
Resolution(um)	14.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	37.4*24.9
1.1"CCD(14.1*10.3)mm	40.3*29.4

DH560-06X31-18



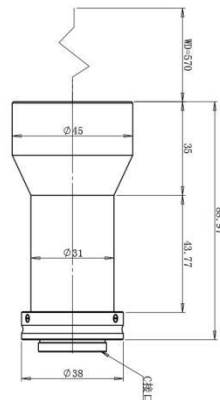
Main parameters

Mag	0.6X
WD	560
DOF(mm)	2.6
Resolution(um)	12.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	21.8*14.5
1.1"CCD(14.1*10.3)mm	23.5*17.2

DH570-01X31-23



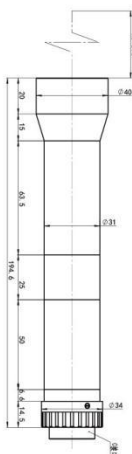
Main parameters

Mag	0.1X
WD	570
DOF(mm)	90.7
Resolution(um)	73.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	84*71
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH570-04X31-18



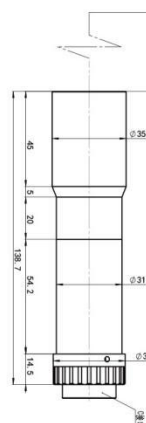
Main parameters

Mag	0.4X
WD	570
DOF(mm)	6.4
Resolution(um)	20.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	35.3*25.8

DH580-02X31-18



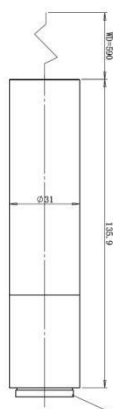
Main parameters

Mag	0.2X
WD	580
DOF(mm)	24.8
Resolution(um)	40.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	70.5*51.5

DH590-02X31-16



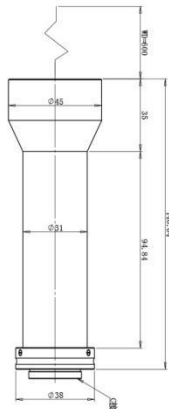
Main parameters

Mag	0.2X
WD	590
DOF(mm)	31.6
Resolution(um)	51.3
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	42°35.5
1" CCD(13.1*8.7)mm	65.5°43.5
1.1"CCD(14.1*10.3)mm	NA

DH600-02X31-23



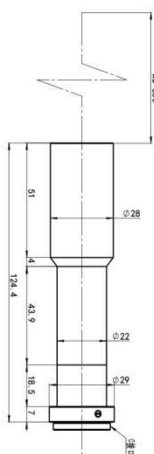
Main parameters

Mag	0.2X
WD	600
DOF(mm)	22.7
Resolution(um)	36.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	42°35.5
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH600-03F28 HR



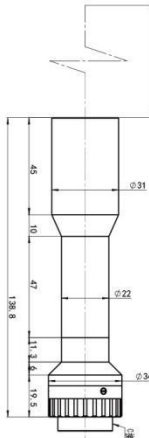
Main parameters

Mag	0.3X
WD	600
DOF(mm)	9.7
Resolution(um)	23.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28°23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH600-04X31-16



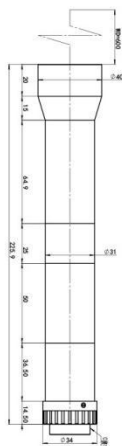
Main parameters

Mag	0.4X
WD	600
DOF(mm)	8.6
Resolution(um)	27.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21°17.8
1" CCD(13.1*8.7)mm	32.8°21.8
1.1"CCD(14.1*10.3)mm	NA

DH600-045X31-23



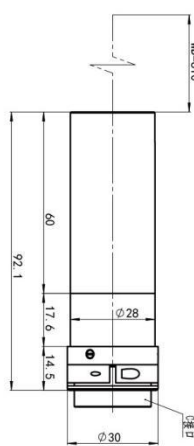
Main parameters

Mag	0.45X
WD	600
DOF(mm)	4.3
Resolution(um)	15.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	18.7°15.8
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH610-03X28-23



Main parameters

Mag	0.3X
WD	610
DOF(mm)	19.3
Resolution(um)	47.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28°23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

[illegible]

Mag	0.5X
WD	630
DOF(mm)	3.3
Resolution(um)	13.4
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm 16.8*14.2
1" CCD(13.1*8.7)mm 26.2*17.4
1.1"CCD(14.1*10.3)mm 28.2*20.6

Mag	0.7X
WD	630
DOF(mm)	2.3
Resolution(um)	13.2
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm 12*10.2
1" CCD(13.1*8.7)mm 18.7*12.4
1.1"CCD(14.1*10.3)mm 20.1*14.7

Technical drawing of the 'B' probe. The drawing shows a vertical cylindrical structure with a cross-section at the bottom. Dimensions are given in millimeters (mm). The total height is 159.5 mm. The top section has a diameter of 30 mm and a height of 20 mm. Below this is a section with a diameter of 31 mm and a height of 86.2 mm. The bottom section has a diameter of 34 mm and a height of 17 mm. The bottom section is divided into two parts: a top part with a height of 30.8 mm and a bottom part with a height of 14.5 mm. The bottom part has a cross-section showing internal features.

Mag	0.3X
WD	635
DOF(mm)	6.9
Resolution(um)	16.8
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

Mag	0.16X
WD	640
DOF(mm)	24.2
Resolution(um)	30.5
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	52.5*44.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Mag	0.14X
WD	650
DOF(mm)	58.9
Resolution(um)	67.1
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	60*50.7
1" CCD(13.1*8.7)mm	93.6*62.1
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a vertical rod with the following dimensions:

- Top diameter: $\varnothing 45$
- Middle diameter: $\varnothing 31$
- Bottom diameter: $\varnothing 38$
- Section lengths: 55, 87.17, and 38

Mag	0.18X
WD	650
DOF(mm)	29.8
Resolution(um)	43.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	46.7*39.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Mag	0.4X
WD	650
DOF(mm)	6.0
Resolution(um)	19.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	NA

Mag	0.6X
WD	670
DOF(mm)	3.1
Resolution(um)	15.1
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	14*11.8
1" CCD(13.1*8.7)mm	21.8*14.5
1.1"CCD(14.1*10.3)mm	23.5*17.2

[illegible]

Mag	0.45X
WD	680
DOF(mm)	4.1
Resolution(um)	14.9
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm 18.7*15.8
1" CCD(13.1*8.7)mm 29.1*19.3
1.1"CCD(14.1*10.3)mm 31.3*22.9

Technical drawing of a rectangular plate. The main view shows a plate with a length of 128.3, a width of 14.5, and a thickness of 0.30. A cross-section view on the right shows a hole with a diameter of 60.65 and a fillet with a radius of R1.5.

Mag	0.2X
WD	685
DOF(mm)	20.6
Resolution(um)	33.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Mag	0.12X
WD	700
DOF(mm)	68.8
Resolution(um)	67.1
Telecentricity	<0.1
Optical distortion	<0.1

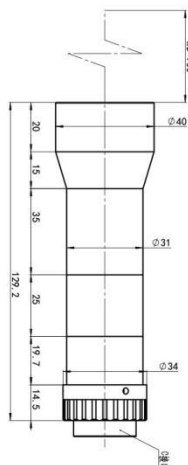
2/3"CCD(8.4*7.1)mm	70*59.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

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

- Total length: 88.2
- Top section length: 35
- Top section diameter: $\varnothing 45$
- Middle section diameter: $\varnothing 21$
- Bottom section diameter: $\varnothing 38$
- Label: W1700
- Break symbol at the top

Mag	0.16X
WD	700
DOF(mm)	34.2
Resolution(um)	44.5
Telecentricity	<0.1
Optical distortion	<0.1

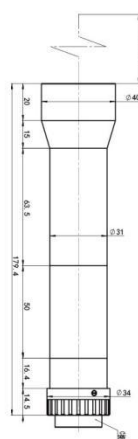
2/3"CCD(8.4*7.1)mm	52.5*44.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH700-02X31-18**Main parameters**

Mag	0.2X
WD	700
DOF(mm)	20.6
Resolution(um)	33.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

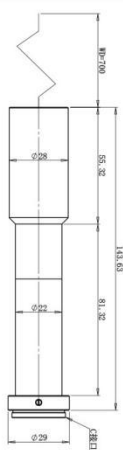
2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	70.5*51.5

DH700-03X31-18**Main parameters**

Mag	0.3X
WD	700
DOF(mm)	8.4
Resolution(um)	20.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

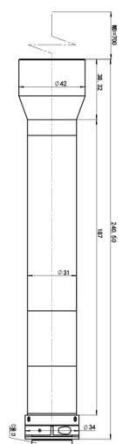
2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

DH700-05F28-2.5**Main parameters**

Mag	0.5X
WD	700
DOF(mm)	6.6
Resolution(um)	26.8
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

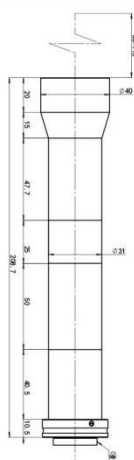
1/2.5"CCD(5.7*4.2)mm	11.4*14.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH700-05X31-18**Main parameters**

Mag	0.5X
WD	700
DOF(mm)	3.7
Resolution(um)	15.2
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

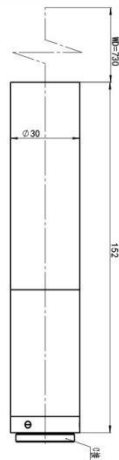
2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	28.2*20.6

DH715-035X31-23**Main parameters**

Mag	0.35X
WD	715
DOF(mm)	6.7
Resolution(um)	19.7
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH730-05X31-16**Main parameters**

Mag	0.5X
WD	730
DOF(mm)	8.2
Resolution(um)	33.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a shaft with the following dimensions and tolerances:

- Total length: 184.8
- Section 1 (top): length 56, diameter $\varnothing 38$
- Section 2: length 8, diameter $\varnothing 31$
- Section 3: length 86.2, diameter $\varnothing 31$
- Section 4: length 12, diameter $\varnothing 34$
- Section 5: length 20.9, diameter $\varnothing 34$
- Section 6 (bottom): length 14.5, diameter $\varnothing 34$

Mag	0.25X
WD	740
DOF(mm)	10.3
Resolution(um)	20.9
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	52.4*34.8
1.1"CCD(14.1*10.3)mm	56.4*41.2

Mag	0.4X
WD	750
DOF(mm)	4.9
Resolution(um)	15.9
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	35.3*25.8

Technical drawing of a vertical container. The drawing shows a side view of a cylindrical container with a conical top and a base. The dimensions are as follows:

- Top diameter: 0.42
- Top height: 0.22
- Bottom diameter: 0.34
- Bottom height: 0.08
- Overall height: 2.78
- Overall width: 0.50

Mag	0.5X
WD	750
DOF(mm)	4.1
Resolution(um)	16.5
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	16.8*14.2
1" CCD(13.1*8.7)mm	26.2*17.4
1.1"CCD(14.1*10.3)mm	28.2*20.6

Mag	0.1X
WD	800
DOF(mm)	82.5
Resolution(um)	67.1
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	84*71
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a vertical pipe assembly. The drawing shows a side view of a pipe with a flange at the bottom. The total height is 75.2. The distance from the top to the flange is 50. The flange has a diameter of $\phi 28$. The flange has a thickness of 10.7 and a central hole with a diameter of 14.5. The bottom of the pipe has a diameter of $\phi 30$. The drawing also shows a cross-section of the pipe with a diameter of $\phi 28$ and a length of 800. The label $\phi 28$ is also present near the bottom of the pipe.

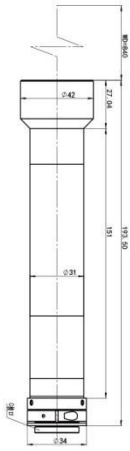
Mag	0.12X
WD	800
DOF(mm)	37.2
Resolution(um)	37.3
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	70*59.2
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Mag	0.3X
WD	800
DOF(mm)	9.2
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH840-03X31-18



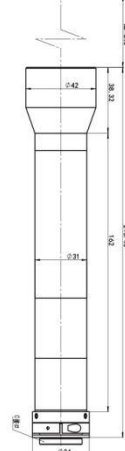
Main parameters

Mag	0.3X
WD	840
DOF(mm)	10.1
Resolution(um)	24.6
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

DH840-04X31-18



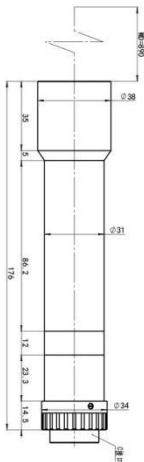
Main parameters

Mag	0.4X
WD	840
DOF(mm)	5.7
Resolution(um)	18.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	21*17.8
1" CCD(13.1*8.7)mm	32.8*21.8
1.1"CCD(14.1*10.3)mm	35.3*25.8

DH890-02X31-18



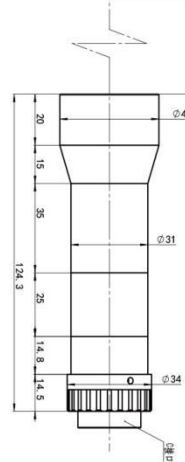
Main parameters

Mag	0.2X
WD	890
DOF(mm)	18.8
Resolution(um)	30.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	70.5*51.5

DH900-015X31-18



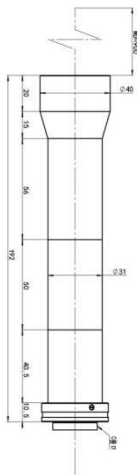
Main parameters

Mag	0.15X
WD	900
DOF(mm)	45.8
Resolution(um)	55.9
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	56*47.3
1" CCD(13.1*8.7)mm	87.3*58
1.1"CCD(14.1*10.3)mm	94*68.7

DH900-025X31-23



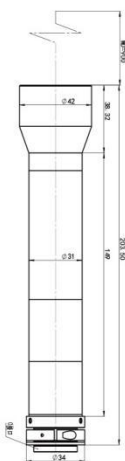
Main parameters

Mag	0.25X
WD	900
DOF(mm)	12.5
Resolution(um)	25.5
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	33.6*28.4
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

DH900-035X31-18



Main parameters

Mag	0.35X
WD	900
DOF(mm)	7.4
Resolution(um)	21.1
Telecentricity	<0.1
Optical distortion	<0.1

Field of view

2/3"CCD(8.4*7.1)mm	24*20.3
1" CCD(13.1*8.7)mm	37.4*24.9
1.1"CCD(14.1*10.3)mm	40.3*29.4

Mag	0.3X
WD	940
DOF(mm)	9.2
Resolution(um)	22.4
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	47*34.3

Mag	0.2X
WD	950
DOF(mm)	22.7
Resolution(um)	36.9
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	70.5*51.5

Mag	0.3X
WD	960
DOF(mm)	19.5
Resolution(um)	47.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	28*23.7
1" CCD(13.1*8.7)mm	43.7*29
1.1"CCD(14.1*10.3)mm	NA

[illegible]

Mag	0.2X
WD	1000
DOF(mm)	20.6
Resolution(um)	33.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	NA
1.1"CCD(14.1*10.3)mm	NA

Technical drawing of a vertical shaft assembly. The shaft has a total length of 1200 mm. The top section has a diameter of 542 mm and a height of 27 mm. The main shaft has a diameter of 531 mm and a length of 1200 mm. The bottom section has a diameter of 534 mm and a height of 10 mm. A cross-section of the shaft is shown at the top, indicating a hollow structure with a central hole.

Mag	0.2X
WD	1120
DOF(mm)	20.6
Resolution(um)	33.6
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	42*35.5
1" CCD(13.1*8.7)mm	65.5*43.5
1.1"CCD(14.1*10.3)mm	70.5*51.5

Mag	0.15X
WD	1200
DOF(mm)	45.1
Resolution(um)	55.0
Telecentricity	<0.1
Optical distortion	<0.1

2/3"CCD(8.4*7.1)mm	56*47.3
1" CCD(13.1*8.7)mm	87.3*58
1.1"CCD(14.1*10.3)mm	94*68.7

