

CR系列之NT-5M标准定倍镜头

NT-5M系列-0.2倍

- 全新定焦近远心系列镜头；
- 工作距离从49-1405mm，倍率从0.1-1倍均可以覆盖；
- 最大支持到2/3英寸C接口工业相机；
- 体积尺寸更小，部分镜头采用Z字型结构以缩小结构体积。



NT-HR02X96-N-5M-CR	NT-HR02X149-N-5M-CR	NT-HR02X236-N-5M-CR	NT-HR02X276-N-5M-CR
NT-HR02X341-N-5M-CR	NT-HR02X425-N-5M-CR	NT-HR02X541-N-5M-CR	NT-HR02X644-N-5M-CR
NT-HR02X746-N-5M-CR	NT-HR02X932-N-5M-CR	NT-HR02X1184-N-5M-CR	

镜头型号	倍率(X)	工作距离(mm)	物方视野(mm)	像方视野(mm)	景深(mm)	光圈	分辨率(μm)	像方MTF30(LP/mm)	光学畸变(%)	最大口径(mm)	镜头总长(mm)	1/3"4.8x3.6mm	1/2.5"5.8x4.3mm	1/2.3"6.2x4.6mm	1/2"6.4x4.8mm	1/1.8"7.2x5.3mm	2/3"8.45x7.07mm
NT-HR02X96-N-5M-CR	0.2	96	55	11	16.3	F6	19.8	165	0.026%	36	25.2	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X149-N-5M-CR	0.2	149	55	11	14.6	F5.5	18.2	165	0.016%	36	25.6	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X236-N-5M-CR	0.2	236	55	11	17.6	F7	23.0	135	0.020%	36	47.3	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X276-N-5M-CR	0.2	276	55	11	17.6	F7	23.0	130	0.011%	36	54.1	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X341-N-5M-CR	0.2	341	55	11	15.8	F6.5	21.3	140	0.021%	36	77.5	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X425-N-5M-CR	0.2	425	55	11	16.2	F6.5	21.3	135	0.015%	36	94	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X541-N-5M-CR	0.2	541	55	11	16.2	F6.5	21.3	145	0.016%	42	136.4	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X644-N-5M-CR	0.2	644	55	11	19.2	F7.5	24.6	130	0.011%	42	155.9	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X746-N-5M-CR	0.2	746	55	11	19.1	F7.5	24.8	130	0.010%	42	182.4	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X932-N-5M-CR	0.2	932	55	11	18.6	F7.5	24.6	120	0.007%	42	121	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35
NT-HR02X1184-N-5M-CR	0.2	1184	55	11	19.9	F7.5	24.6	130	0.0004%	51	165.6	24X18	29X21.5	31X23	32X24	36X26.5	42.25X35.35

CR系列之NT-5M标准定倍镜头

NT-5M系列-0.4倍

- 全新定焦近远心系列镜头；
- 工作距离从49-1405mm，倍率从0.1-1倍均可以覆盖；
- 最大支持到2/3英寸C接口工业相机；
- 体积尺寸更小，部分镜头采用Z字型结构以缩小结构体积。



NT-HR04X49-N-5M-CR	NT-HR04X82-N-5M-CR	NT-HR04X131-N-5M-CR	NT-HR04X155-N-5M-CR
Technical drawing of NT-HR04X49-N-5M-CR. Front view shows a total height of 49 mm, with a top section of 17.5 mm and a main body of 29 mm. The diameter is $\phi 36$. Side view shows a total length of 82 mm, with a top section of 17.5 mm and a main body of 30.9 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X82-N-5M-CR. Front view shows a total height of 82 mm, with a top section of 17.5 mm and a main body of 30.9 mm. The diameter is $\phi 36$. Side view shows a total length of 130.4 mm, with a top section of 17.5 mm and a main body of 30.9 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X131-N-5M-CR. Front view shows a total height of 131 mm, with a top section of 17.5 mm and a main body of 44.7 mm. The diameter is $\phi 36$. Side view shows a total length of 204.2 mm, with a top section of 17.5 mm and a main body of 55.7 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X155-N-5M-CR. Front view shows a total height of 155 mm, with a top section of 17.5 mm and a main body of 48.2 mm. The diameter is $\phi 36$. Side view shows a total length of 236.4 mm, with a top section of 17.5 mm and a main body of 63.9 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".
NT-HR04X190-N-5M-CR	NT-HR04X238-N-5M-CR	NT-HR04X299-N-5M-CR	NT-HR04X358-N-5M-CR
Technical drawing of NT-HR04X190-N-5M-CR. Front view shows a total height of 190 mm, with a top section of 17.5 mm and a main body of 74.5 mm. The diameter is $\phi 36$. Side view shows a total length of 397 mm, with a top section of 17.5 mm and a main body of 89.5 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X238-N-5M-CR. Front view shows a total height of 238 mm, with a top section of 17.5 mm and a main body of 49.6 mm. The diameter is $\phi 36$. Side view shows a total length of 364.5 mm, with a top section of 17.5 mm and a main body of 109.1 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X299-N-5M-CR. Front view shows a total height of 299 mm, with a top section of 17.5 mm and a main body of 63.3 mm. The diameter is $\phi 36$. Side view shows a total length of 472.5 mm, with a top section of 17.5 mm and a main body of 156 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X358-N-5M-CR. Front view shows a total height of 358 mm, with a top section of 17.5 mm and a main body of 68.7 mm. The diameter is $\phi 36$. Side view shows a total length of 554.4 mm, with a top section of 17.5 mm and a main body of 178.9 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".
NT-HR04X416-N-5M-CR	NT-HR04X531-N-5M-CR	NT-HR04X681-N-5M-CR	
Technical drawing of NT-HR04X416-N-5M-CR. Front view shows a total height of 416 mm, with a top section of 17.5 mm and a main body of 55.4 mm. The diameter is $\phi 36$. Side view shows a total length of 531 mm, with a top section of 17.5 mm and a main body of 119.4 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X531-N-5M-CR. Front view shows a total height of 531 mm, with a top section of 17.5 mm and a main body of 55.5 mm. The diameter is $\phi 36$. Side view shows a total length of 681 mm, with a top section of 17.5 mm and a main body of 152.5 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	Technical drawing of NT-HR04X681-N-5M-CR. Front view shows a total height of 681 mm, with a top section of 17.5 mm and a main body of 60.5 mm. The diameter is $\phi 36$. Side view shows a total length of 816 mm, with a top section of 17.5 mm and a main body of 146.6 mm. The diameter is $\phi 36$. Labels include "US.St. 1"×1/32", "像面", and "物面".	

镜头型号	倍率 (X)	工作距离 (mm)	物方视野 (mm)	像方视野 (mm)	景深 (mm)	光圈	分辨力 (μm)	像方MTF30 (LP/mm)	光学畸变 (%)	最大口径 (mm)	镜头总长 (mm)	1/3" 4.8x3.6mm	1/2.5" 5.8x4.3mm	1/2.3" 6.2x4.6mm	1/2" 6.4x4.8mm	1/1.8" 7.2x5.3mm	2/3" 8.45x7.07mm
NT-HR04X49-N-5M-CR	0.4	49	27.5	11	4.1	F6	9.9	150	0.085%	36	29	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X82-N-5M-CR	0.4	82	27.5	11	4.1	F6	9.9	155	0.071%	36	30.9	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X131-N-5M-CR	0.4	131	27.5	11	4.4	F7	11.5	135	0.053%	36	55.7	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X155-N-5M-CR	0.4	155	27.5	11	4.1	F6.5	10.7	145	0.029%	36	63.9	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X190-N-5M-CR	0.4	190	27.5	11	3.7	F6	9.9	130	0.023%	36	89.5	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X238-N-5M-CR	0.4	238	27.5	11	4.1	F6.5	10.7	135	0.020%	36	109	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X299-N-5M-CR	0.4	299	27.5	11	4.1	F6.5	10.7	145	0.016%	42	156.3	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X358-N-5M-CR	0.4	358	27.5	11	4.5	F7	11.6	140	0.012%	42	178.9	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X416-N-5M-CR	0.4	416	27.5	11	4.4	F7	11.6	125	0.009%	42	119.4	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X531-N-5M-CR	0.4	531	27.5	11	4.7	F7.5	12.4	115	0.006%	42	153	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68
NT-HR04X681-N-5M-CR	0.4	681	27.5	11	5.0	F7.5	12.4	130	0.0002%	51	146.6	12X9	14.5X10.75	15.5X11.5	16X12	18X13.25	21.13X17.68

CR系列之NT-5M标准定倍镜头

NT-5M系列-0.6倍

- 全新定焦近远心系列镜头；
- 工作距离从49-1405mm，倍率从0.1-1倍均可以覆盖；
- 最大支持到2/3英寸C接口工业相机；
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NT-HR06X60-N-5M-CR	NT-HR06X96-N-5M-CR	NT-HR06X114-N-5M-CR	NT-HR06X140-N-5M-CR
NT-HR06X175-N-5M-CR	NT-HR06X218-N-5M-CR	NT-HR06X261-N-5M-CR	NT-HR06X306-N-5M-CR
NT-HR06X396-N-5M-CR			NT-HR06X513-N-5M-CR

镜头型号	倍率(X)	工作距离(mm)	物方视野(mm)	像方视野(mm)	景深(mm)	光圈	分辨率(μm)	像方MTF30(LP/mm)	光学畸变(%)	最大口径(mm)	镜头总长(mm)	1/3"4.8x3.6mm	1/2.5"5.8x4.3mm	1/2.3"6.2x4.6mm	1/2"6.4x4.8mm	1/1.8"7.2x5.3mm	2/3"8.45x7.07mm
NT-HR06X60-N-5M-CR	0.6	60	18.3	11	2.1	F7	7.7	135	0.094%	36	36.2	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X96-N-5M-CR	0.6	96	18.3	11	2.0	F7	7.7	135	0.064%	36	64.1	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X114-N-5M-CR	0.6	114	18.3	11	2.2	F7.5	8.3	130	0.044%	36	73.7	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X140-N-5M-CR	0.6	140	18.3	11	1.9	F7	7.7	130	0.022%	36	101.5	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X175-N-5M-CR	0.6	175	18.3	11	2.1	F7.5	8.3	125	0.021%	36	124.5	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X218-N-5M-CR	0.6	218	18.3	11	2.1	F7.5	8.3	125	0.015%	42	175.9	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X261-N-5M-CR	0.6	261	18.3	11	2.3	F8	8.8	130	0.012%	42	201.9	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X306-N-5M-CR	0.6	306	18.3	11	2.3	F8	8.8	120	0.008%	42	144.9	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X396-N-5M-CR	0.6	396	18.3	11	2.4	F8.5	9.4	110	0.005%	42	185	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78
NT-HR06X513-N-5M-CR	0.6	513	18.3	11	2.6	F8.5	9.4	120	0.0002%	51	187.1	8X6	9.67X7.17	10.33X7.67	10.67X8	12X8.83	14.08X11.78

CR系列之NT-5M标准定倍镜头

NT-5M系列-0.7倍

- 全新定焦近远心系列镜头；
- 工作距离从49-1405mm，倍率从0.1-1倍均可以覆盖；
- 最大支持到2/3英寸C接口工业相机；
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NT-HR07X86-N-5M-CR	NT-HR07X102-N-5M-CR	NT-HR07X125-N-5M-CR	NT-HR07X157-N-5M-CR
NT-HR07X194-N-5M-CR	NT-HR07X234-N-5M-CR	NT-HR07X275-N-5M-CR	NT-HR07X358-N-5M-CR
NT-HR07X465-N-5M-CR			

镜头型号	倍率(X)	工作距离(mm)	物方视野(mm)	像方视野(mm)	景深(mm)	光圈	分辨率(μm)	像方MTF30(LP/mm)	光学畸变(%)	最大口径(mm)	镜头总长(mm)	1/3"4.8x3.6mm	1/2.5"5.8x4.3mm	1/2.3"6.2x4.6mm	1/2"6.4x4.8mm	1/1.8"7.2x5.3mm	2/3"8.45x7.07mm
NT-HR07X86-N-5M-CR	0.7	86	15.7	11	1.4	F7	6.6	135	0.065%	36	68.4	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X102-N-5M-CR	0.7	102	15.7	11	1.5	F7	6.6	130	0.047%	36	78.6	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X125-N-5M-CR	0.7	125	15.7	11	1.4	F7	6.6	130	0.021%	36	107.5	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X157-N-5M-CR	0.7	157	15.7	11	1.4	F7	6.6	125	0.021%	36	132	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X194-N-5M-CR	0.7	194	15.7	11	1.5	F7.5	7.1	125	0.014%	42	185.9	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X234-N-5M-CR	0.7	234	15.7	11	1.5	F7.5	7.1	130	0.012%	42	122.8	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X275-N-5M-CR	0.7	275	15.7	11	1.5	F7.5	7.1	110	0.008%	42	158.4	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X358-N-5M-CR	0.7	358	15.7	11	1.6	F8	7.5	120	0.004%	42	142	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1
NT-HR07X465-N-5M-CR	0.7	465	15.7	11	1.8	F8	7.5	115	0.0002%	51	207.1	6.86X5.14	8.29X6.14	8.86X6.57	9.14X6.86	10.29X7.57	12.07X10.1

CR系列之NT-5M标准定倍镜头

NT-5M系列-0.8倍

- 全新定焦近远心系列镜头；
- 工作距离从49-1405mm，倍率从0.1-1倍均可以覆盖；
- 最大支持到2/3英寸C接口工业相机；
- 体积尺寸更小，部分镜头采用Z字型结构以缩小结构体积。



NT-HR08X78-N-5M-CR	NT-HR08X93-N-5M-CR	NT-HR08X114-N-5M-CR	NT-HR08X143-N-5M-CR
NT-HR08X177-N-5M-CR	NT-HR08X213-N-5M-CR	NT-HR08X251-N-5M-CR	NT-HR08X329-N-5M-CR
NT-HR08X429-N-5M-CR			

镜头型号	倍率(X)	工作距离(mm)	物方视野(mm)	像方视野(mm)	景深(mm)	光圈	分辨率(μm)	像方MTF30(LP/mm)	光学畸变(%)	最大口径(mm)	镜头总长(mm)	1/3"4.8x3.6mm	1/2.5"5.8x4.3mm	1/2.3"6.2x4.6mm	1/2"6.4x4.8mm	1/1.8"7.2x5.3mm	2/3"8.45x7.07mm
NT-HR08X78-N-5M-CR	0.8	78	13.8	11	1.2	F7.5	6.2	125	0.065%	36	72.6	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X93-N-5M-CR	0.8	93	13.8	11	1.2	F7.5	6.2	120	0.048%	36	83.5	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X114-N-5M-CR	0.8	114	13.8	11	1.2	F7.5	6.2	125	0.020%	36	114	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X143-N-5M-CR	0.8	143	13.8	11	1.2	F7.5	6.2	120	0.021%	36	139.5	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X177-N-5M-CR	0.8	177	13.8	11	1.2	F7.5	6.2	120	0.014%	42	195.4	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X213-N-5M-CR	0.8	213	13.8	11	1.3	F8	6.6	115	0.011%	42	134.8	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X251-N-5M-CR	0.8	251	13.8	11	1.3	F8	6.6	105	0.007%	42	171.4	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X329-N-5M-CR	0.8	329	13.8	11	1.3	F8.5	7.0	105	0.004%	42	158	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84
NT-HR08X429-N-5M-CR	0.8	429	13.8	11	1.4	F8.5	7.0	115	0.0001%	51	160	6X4.5	7.25X5.38	7.75X5.75	8X6	9X6.63	10.56X8.84

NT-5M系列-0.9倍

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NT-5M系列-1倍

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镜头型号	倍率 (X)	工作距离 (mm)	物方视野 (mm)	像方视野 (mm)	景深 (mm)	光圈	分辨率 (μm)	像方MTF30 (LP/mm)	光学畸变 (%)	最大口径 (mm)	镜头总长 (mm)	1/3" 4.8x3.6mm	1/2.5" 5.8x4.3mm	1/2.3" 6.2x4.6mm	1/2" 6.4x4.8mm	1/1.8" 7.2x5.3mm	2/3" 8.45x7.07mm
NT-HR10X68-N-5M-CR	1	68	11	11	0.85	F8.5	5.6	105	0.063%	36	81	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X81-N-5M-CR	1	81	11	11	0.87	F8.5	5.6	100	0.048%	36	93.4	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X99-N-5M-CR	1	99	11	11	0.85	F8.5	5.6	110	0.019%	36	126	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X124-N-5M-CR	1	124	11	11	0.9	F8.5	5.6	105	0.021%	36	154.5	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X152-N-5M-CR	1	152	11	11	0.9	F8.5	5.6	105	0.013%	42	124	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X184-N-5M-CR	1	184	11	11	0.92	F9	5.9	100	0.010%	42	157.8	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X218-N-5M-CR	1	218	11	11	0.91	F9	5.9	100	0.006%	42	138.4	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X288-N-5M-CR	1	288	11	11	1.0	F9.5	6.3	95	0.003%	42	190.5	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07
NT-HR10X379-N-5M-CR	1	379	11	11	1.0	F9.5	6.3	105	0.0001%	51	200.5	4.8X3.6	5.8X4.3	6.2X4.6	6.4X4.8	7.2X5.3	8.45X7.07