

# WWH 系列百万像素远心镜头

支持2/3" CCD

工作距65mm



镜头型号	放大倍率 $\beta(x)$	物方 工作距 WD(mm)	支持 CCD 尺寸 ( $\Phi$ mm)	像方 F/#	物方 远心度 ( $^{\circ}$ max)	像方畸变 (% max)	数值孔径 NA	物方分辨率 ( $\mu$ m)	物方景深 DOF(mm)	镜头总长 (mm)	相机接口
WWH08-65AT	0.8	65 $\pm$ 1	11.0(2/3")	10	<0.1	<0.1	0.04	8.4	1.3	89.7	C-Mount
WWH08-65CT	0.8	65 $\pm$ 1	11.0(2/3")	10	<0.1	<0.1	0.04	8.4	1.3	89.7	C-Mount
WWH10-65AT	1.0	65 $\pm$ 1	11.0(2/3")	11.1	<0.1	<0.1	0.045	7.5	0.9	79.9	C-Mount
WWH10-65CT	1.0	65 $\pm$ 1	11.0(2/3")	11.1	<0.1	<0.1	0.045	7.5	0.9	79.9	C-Mount
WWH15-65AT	1.5	65 $\pm$ 1	11.0(2/3")	12.5	<0.1	<0.1	0.06	5.6	0.4	74.4	C-Mount
WWH15-65CT	1.5	65 $\pm$ 1	11.0(2/3")	12.5	<0.1	<0.1	0.06	5.6	0.4	74.4	C-Mount
WWH20-65AT	2.0	65 $\pm$ 1	11.0(2/3")	13.2	<0.1	<0.1	0.074	4.5	0.3	80.0	C-Mount
WWH20-65CT	2.0	65 $\pm$ 1	11.0(2/3")	13.2	<0.1	<0.1	0.074	4.5	0.3	80.0	C-Mount
WWH30-65AT	3.0	65 $\pm$ 1	11.0(2/3")	20.2	<0.1	1.6	0.0703	4.8	0.2	84.7	C-Mount
WWH30-65CT	3.0	65 $\pm$ 1	11.0(2/3")	20.2	<0.1	1.6	0.0703	4.8	0.2	84.7	C-Mount
WWH40-65AT	4.0	65 $\pm$ 1	11.0(2/3")	17.9	<0.1	0.13	0.1078	3.1	0.1	101.9	C-Mount
WWH40-65CT	4.0	65 $\pm$ 1	11.0(2/3")	17.9	<0.1	0.13	0.1078	3.1	0.1	106.2	C-Mount
WWH60-65AT	6.0	65 $\pm$ 1	11.0(2/3")	24.6	<0.1	0.1	0.116	2.9	0.1	116.1	C-Mount
WWH60-65CT	6.0	65 $\pm$ 1	11.0(2/3")	24.6	<0.1	0.1	0.116	2.9	0.1	120.4	C-Mount

# WWH 系列百万像素远心镜头

支持2/3" CCD

工作距110mm



镜头型号	放大倍率 $\beta(x)$	物方 工作距 WD(mm)	支持 CCD 尺寸 ( $\Phi$ mm)	像方 F/#	物方 远心度 ( $^{\circ}$ max)	像方畸变 (% max)	数值孔径 NA	物方分辨率 ( $\mu$ m)	物方景深 DOF(mm)	镜头总长 (mm)	相机接口
WWH03-110AT	0.3	110 $\pm$ 2	9.0(1/1.8")	9	<0.1	<0.1	0.0167	20.1	8.0	137.1	C-Mount
WWH03-110CT	0.3	110 $\pm$ 2	9.0(1/1.8")	9	<0.1	<0.1	0.0167	20.1	8.0	137.1	C-Mount
WWH05-110AT	0.5	110 $\pm$ 2	11.0(2/3")	9.6	<0.1	<0.1	0.026	12.9	3.1	135.2	C-Mount
WWH05-110AT-G	0.5	110 $\pm$ 2	11.0(2/3")	9.6	<0.1	<0.1	0.026	12.9	3.1	135.2	C-Mount
WWH05-110CT	0.5	110 $\pm$ 2	11.0(2/3")	9.6	<0.1	<0.1	0.026	12.9	3.1	135.2	C-Mount
WWH05-110CT-G	0.5	110 $\pm$ 2	11.0(2/3")	9.6	<0.1	<0.1	0.026	12.9	3.1	135.2	C-Mount
WWH08-110ATV2	0.8	110 $\pm$ 2	11.0(2/3")	7.9	<0.1	<0.1	0.05028	6.7	1.0	122.7	C-Mount
WWH08-110CTV2	0.8	110 $\pm$ 2	11.0(2/3")	7.9	<0.1	<0.1	0.05028	6.7	1.0	122.7	C-Mount
WWH10-110ATV2	1.0	110 $\pm$ 2	11.0(2/3")	7	<0.1	<0.1	0.07158	4.7	0.6	133.3	C-Mount
WWH10-110AT-G	1.0	110 $\pm$ 2	11.0(2/3")	10.7	<0.1	<0.1	0.047	7.1	0.9	133.9	C-Mount
WWH10-110CTV2	1.0	110 $\pm$ 2	11.0(2/3")	7	<0.1	<0.1	0.07158	4.7	0.6	133.3	C-Mount
WWH10-110CT-G	1.0	110 $\pm$ 2	11.0(2/3")	10.7	<0.1	<0.1	0.047	7.1	0.9	138.2	C-Mount
WWH15-110ATV2	1.5	110 $\pm$ 2	11.0(2/3")	10	<0.1	<0.1	0.07488	4.5	0.4	128.9	C-Mount
WWH15-110CTV2	1.5	110 $\pm$ 2	11.0(2/3")	10	<0.1	<0.1	0.07488	4.5	0.4	128.9	C-Mount

镜头型号	放大倍率 $\beta(x)$	物方 工作距 WD(mm)	支持 CCD 尺寸 ( $\Phi$ mm)	像方 F/#	物方 远心度 ( $^{\circ}$ max)	像方畸变 (% max)	数值孔径 NA	物方分辨率 ( $\mu$ m)	物方景深 DOF(mm)	镜头总长 (mm)	相机 接口
<b>WWH20-110ATV2</b>	2.0	110 $\pm$ 2	11.0(2/3")	12.2	<0.1	<0.1	0.0815	4.1	0.2	133.5	C-Mount
<b>WWH20-110AT-G</b>	2.0	110 $\pm$ 2	11.0(2/3")	18.2	<0.1	<0.1	0.0536	6.3	0.4	147.4	C-Mount
<b>WWH20-110CTV2</b>	2.0	110 $\pm$ 2	11.0(2/3")	12.2	<0.1	<0.1	0.0815	4.1	0.2	133.5	C-Mount
<b>WWH20-110CT-G</b>	2.0	110 $\pm$ 2	11.0(2/3")	18.2	<0.1	<0.1	0.0536	6.3	0.4	151.7	C-Mount
<b>WWH30-110ATV2</b>	3.0	110 $\pm$ 2	11.0(2/3")	18.3	<0.1	<0.1	0.08255	4.1	0.2	165.7	C-Mount
<b>WWH30-110CTV2</b>	3.0	110 $\pm$ 2	11.0(2/3")	18.3	<0.1	<0.1	0.08255	4.1	0.2	165.7	C-Mount
<b>WWH40-110ATV2</b>	4.0	110 $\pm$ 2	11.0(2/3")	20.0	<0.1	<0.1	0.05016	6.7	0.1	124.8	C-Mount
<b>WWH40-110CTV2NT</b>	4.0	110 $\pm$ 2	11.0(2/3")	20.0	<0.1	<0.1	0.05016	6.7	0.1	129.1	C-Mount
<b>WWH60-110AT</b>	6.0	110 $\pm$ 2	11.0(2/3")	38.9	<0.1	<0.1	0.075	4.5	0.1	152.7	C-Mount
<b>WWH60-110CT</b>	6.0	110 $\pm$ 2	11.0(2/3")	38.9	<0.1	<0.1	0.075	4.5	0.1	157.0	C-Mount

# WWH 系列百万像素远心镜头

支持2/3" CCD

工作距130/145mm



镜头型号	放大倍率 $\beta(x)$	物方 工作距 WD(mm)	支持 CCD 尺寸 ( $\Phi$ mm)	像方 F/#	物方 远心度 ( $^{\circ}$ max)	像方畸变 (% max)	数值孔径 NA	物方分辨率 ( $\mu$ m)	物方景深 DOF(mm)	镜头总长 (mm)	相机 接口
WWH08-130AT	0.8	130 $\pm$ 2	11.0(2/3")	12.6	<0.1	<0.1	0.0316	10.6	1.6	117.1	C-Mount
WWH08-130AT-G	0.8	130 $\pm$ 2	11.0(2/3")	12.6	<0.1	<0.1	0.0316	10.6	1.6	117.1	C-Mount
WWH08-130CT	0.8	130 $\pm$ 2	11.0(2/3")	12.6	<0.1	<0.1	0.0316	10.6	1.6	121.4	C-Mount
WWH08-130CT-G	0.8	130 $\pm$ 2	11.0(2/3")	12.6	<0.1	<0.1	0.0316	10.6	1.6	121.4	C-Mount
WWH07-145AT	0.7	145 $\pm$ 2	11.0(2/3")	16.8	<0.1	<0.1	0.0207	16.2	2.7	110.4	C-Mount
WWH07-145AT-G	0.7	145 $\pm$ 2	11.0(2/3")	16.8	<0.1	<0.1	0.0207	16.2	2.7	110.4	C-Mount
WWH07-145CT	0.7	145 $\pm$ 2	11.0(2/3")	16.8	<0.1	<0.1	0.0207	16.2	2.7	114.7	C-Mount
WWH07-145CT-G	0.7	145 $\pm$ 2	11.0(2/3")	16.8	<0.1	<0.1	0.0207	16.2	2.7	114.7	C-Mount

# WWH 系列百万像素远心镜头

支持2/3" CCD

超长工作距



镜头型号	放大倍率 $\beta(x)$	物方 工作距 WD(mm)	支持 CCD 尺寸 ( $\Phi$ mm)	像方 F/#	物方 远心度 ( $^{\circ}$ max)	像方畸变 (% max)	数值孔径 NA	物方分辨率 ( $\mu$ m)	物方景深 DOF(mm)	镜头总长 (mm)	相机 接口
WWH05-510AT	0.5	510 $\pm$ 3	9.0(1/1.8")	14.2	/	<0.1	0.0174	19.3	4.5	163.5	C-Mount
WWH05-510CT	0.5	510 $\pm$ 3	9.0(1/1.8")	14.2	/	<0.1	0.0174	19.3	4.5	166.3	C-Mount
WWH10-330AT	1.0	330 $\pm$ 3	11.0(2/3")	28.6	<0.1	<0.1	0.0174	19.3	2.3	199.7	C-Mount
WWH10-330CT	1.0	330 $\pm$ 3	11.0(2/3")	28.6	<0.1	<0.1	0.0174	19.3	2.3	197.6	C-Mount
WWH10-410AT	1.0	410 $\pm$ 3	11.0(2/3")	17.9	<0.1	<0.1	0.0273	12.3	1.4	178.9	C-Mount
WWH10-410CT	1.0	410 $\pm$ 3	11.0(2/3")	17.9	<0.1	<0.1	0.0273	12.3	1.4	182.2	C-Mount
WWH10-510AT	1.0	510 $\pm$ 3	11.0(2/3")	25.7	<0.1	<0.1	0.0197	17.0	2.1	175.0	C-Mount
WWH10-510CT	1.0	510 $\pm$ 3	11.0(2/3")	25.7	<0.1	<0.1	0.0197	17.0	2.1	178.5	C-Mount