

# UNCOOLED INFRARED LENS

Our infrared lenses include manual lens, athermal lens, motorized lens, dual-view lens and zoom lens. They are with advanced optical performance for industry applications, commercial activities and security & surveillance markets.

## Manual Lenses



Item	Focal Length	F No.	FOV	Weight	Size (Length/ L x Diameter/D, mm)
HXC6M54	54mm	1	640*48017μm 11.5°x8.6° 384*288 17μm 6.9°x5°	240g	56.8Lx68D
HXC6M75	75mm	1	640*48017μm 8.3°x6.5° 384*288 17μm 5°x3.75°	403g	77Lx86D
HXC3M100	100mm	1	640*48017μm 6.2°x4° 384*288 17μm 3.75°x2.75°	960g	124Lx113D

## Athermal Lenses



Item	Focal Length	F No.	FOV	Weight	Size (Length/ L x Diameter/D, mm)
HXC6A9	9mm	1	640*48017μm 69.2°x51.6° 384*288 17μm 42.5°x32°	65g	33Lx38D
HXC6A13	13mm	1	640*48017μm 46.4°x35.2° 384*288 17μm 28°x21.3°	65g	33Lx38D
HXC6A19	19mm	1	640*48017μm 31°x24° 384*288 17μm 19.4°x14.7°	65g	33Lx38D
HXC6A25	25mm	1	640*48017μm 25°x18° 384*288 17μm 15°x11°	85g	35.2Lx38D
HXC6A35	35mm	1	640*48017μm 17.6°x13.2° 384*288 17μm 10.6°x8°	105g	39.5Lx45D
HXC6A50	50mm	1	640*48017μm 12.5°x9.1° 384*288 17μm 7.5°x5.5°	250g	60.5Lx60D
HXC6A75	75mm	1	640*48017μm 8.3°x6.5° 384*288 17μm 5°x3.75°	308g	96Lx85D
HXC6A100	100mm	1	640*48017μm 6.2°x4° 384*288 17μm 3.75°x2.75°	895g	128.5Lx110D

## Motorized Lenses



Item	Focal Length	F No.	FOV	Weight	Size (Length/ L x Diameter/D, mm)
HXC6E50	50mm	1	640*48017μm 12.5°x9.1° 384*288 17μm 7.5°x5.5°	<685g	79Lx134D
HXC6E75	75mm	1	640*48017μm 8.3°x6.5° 384*288 17μm 5°x3.75°	<700g	79Lx126D
HXC6E100	100mm	1	640*48017μm 6.3°x4.5° 384*288 17μm 3.75°x2.75°	<760g	132Lx112D
HXC6E150	150mm	1	640*48017μm 4.2°x3.1° 384*288 17μm 2.5°x1.9°	<2000g	203Lx166D

## Dual-view Lenses



Item	Focal Length	F No.	FOV	Weight	Size (Length/ L x Diameter/D, mm)
HXC6D44/132	44mm/132mm	0.8/1.1	640*48017μm f=44 14°x11° f=132 4.7°x3.5° 384*288 17μm f=44 8.5°x6.4° f=132 2.8°x2.1°	<2100g	160Lx160D
HXC6D60/150	60mm/150mm	1	640*48017μm f=60 10.4°x7.8° f=150 4.2°x3.1°	<2100g	240Lx163D

## Continuous Zoom Lenses



Item	Focal Length	F No.	FOV	Weight	Size (Length/ L x Diameter/D, mm)
HXC6Z25~100	25mm~100mm	1	640*48017μm f=25 25.6°x19° f=100 6.3°x4.5° 384*288 17μm f=25 15°x11° f=100 3.75°x2.75°	<1900g	191Lx130D
HXC6Z30~150	30mm~150mm	1	640*48017μm f=30 20.6°x15.5° f=150 4.2°x3.1° 384*288 17μm f=30 12.4°x9.3° f=150 2.5°x1.9°	<2500g	236Lx158D
HXC6Z25~225	25mm~225mm	1	640*512 17μm f=25 24.5°x19.7° f=225 2.77°x2.21°	<3000g	290Lx1D