

HF-XA-1F series, 2/3"-1/1.2", 3.45μm, 5 MP

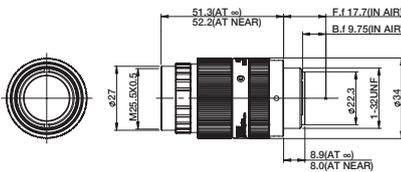


- Compact design
- Fix iris – with switchable iris plates Fopen, F4 and F8
- C-Mount locked focus system – no moving glass elements
- Extremely robust design, best suited for moving 3D cameras and Robot vision

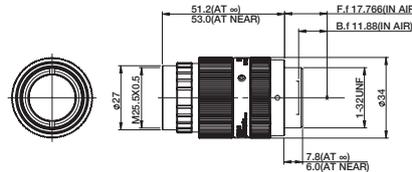


	Anti Shock & Vibration HF8XA-1F	Anti Shock & Vibration HF12XA-1F	Anti Shock & Vibration HF16XA-1F	Anti Shock & Vibration HF25XA-1F	Anti Shock & Vibration HF35XA-1F
Focal length [mm]	8	12	16	25	35
Iris range [F. no]	F1.6, F4, F8 (Selection)	F1.6, F4, F8 (Selection)	F1.6, F4, F8 (Selection)	F1.6, F4.6, F9.2 (Selection)	F1.9, F5.2, F10.4 (Selection)
Angle of view : 2/3"	58.4°x44.6°	40.1°x30.3°	31.4°x23.7°	20.0°x15.0°	14.2°x10.7°
Working Distance*1 [mm]	∞-100	∞-100	∞-100	∞-150	∞-300
Operation of focus	Fixed	Fixed	Fixed	Fixed	Fixed
Operation of iris	Fixed	Fixed	Fixed	Fixed	Fixed
Filter thread [mm]	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5
Mount	C-mount	C-mount	C-mount	C-mount	C-mount
Weight (approx.) [g]	97	99	94	87	75
Sensor size (std.)*2	2/3"(3.45μm)	2/3"(3.45μm)	2/3"(3.45μm)	2/3"(3.45μm)	2/3"(3.45μm)
Sensor size (max.)*3	2/3"(3.45μm)	1/1.2"(4.5μm)	1/1.2"(4.5μm)	1/1.2"(4.5μm)	1/1.2"(4.5μm)
TV distortion [%]	-1.99	-1.26	-0.60	-0.07	0.10
Dimension [mm]	ø34x60.2	ø34x58.7	ø34x54.0	ø34x55.4	ø34x50.3
Required maximum screw-in length*4 [mm]	8.9	7.8	7.8	9.2	9.2

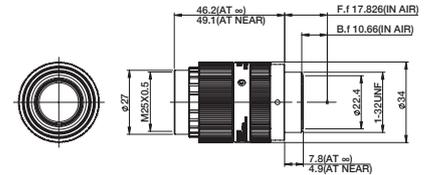
HF8XA-1F



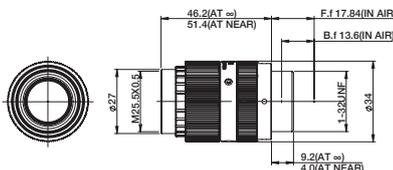
HF12XA-1F



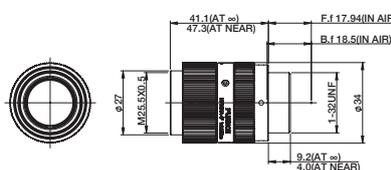
HF16XA-1F



HF25XA-1F



HF35XA-1F



*1 From front of lens barrel. *2 Sensor size(std.): Ideal size to maximize the target resolution.

*3 Sensor size(max.): Adaptable sensor size varies depending on the model. Please check the amount of light and resolution on the edges pertaining to your particular application.

*4 This is the maximum screw-in length required when the object distance is used with INF. Be sure to check this lens can be attached to your camera before purchase.