

# Fish-eye lenses

For image capturing at ultra wide field of view

The fish-eye lens is designed to capture the circular image on the designated size of image sensor.

With the high speed aperture, image capturing under low light level is assured.

The range of products includes the HX1.4FE14 designed for use with up to 3 mega-pixel sensor camera, the unique variable focal length lens and the compact board level lens with universal M12 thread.

Utilizing an image processing software(\*not available from us), captured circular image can be reformed into an orthorectified image. Examples of the applications include the security monitoring, video conference, robotic, vehicle, visual presentation.

Mega-pixel type



Vari-focal type



Board-mount type



	HX1.4FE14	ACU1634AN	BL2225M12
Image Format	1/2" format	1/3" format	1/3" format
Image Size :	4.6mm diameter, f-theta		
Focal distance :	f = 1.4mm	f = 1.6 - 3.4mm variable	f = 2.2mm
Maximum aperture :	F = 1 : 1.4	F = 1 : 1.4 (Auto iris)	F = 1 : 2.5
Max. Field of View (diagonal)			
on 1/2" image sensor :	185.0°	---	---
on 1/3" image sensor :	---	180.0°	170.0°
MOD (Minimum object distance)	0.1m	0.3m	0.4m
Flange back :	12.5mm	12.5mm	---
Filter thread :		Not provided.	
Lens mount	CS-Mount	CS-mount	M12 thread
Dimensions (Dia. x Max. Length) :	φ45.0 x 53.3mm	φ42.0 x 52.1mm	φ23.0 x 19.1mm
Weight :	11080g (0.25lbs)	83g (0.18lbs)	6.5g (0.014lbs)

(Manual iris type optionally available)

Specifications subject to change without notice.