M12 LENS - 2.8mm FOCAL LENGTH

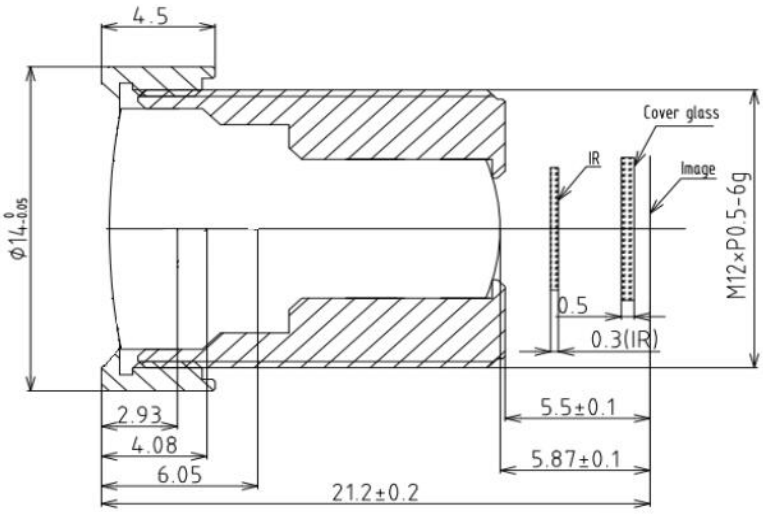
For board-level cameras
AS-LS-M12-028-F20-A

- Lens with M12 mount
- For sensors up to 1/2.7"
- For Oriole 3G-SDI Board Camera and similar

FEATURES

- Focal length: 2.8mm
- Resolution: 3MP
- 1/2.7" sensor FoV: D: 131°, H: 112°, V: 63°
- 1/2.8" sensor FoV: D: 125°, H: 105°, V: 59°
- 1/2.9" sensor FoV: D: 120.5°, H: 103°, V: 56°
- Mount M12x0.5

Dimensions



The variant as described in this datasheet is without IR filter.

AS-LS-M12-028-F20-A			
Focal Length	2.8mm	**Mount**	M12x0.5
Type	M12 / S-mount lens	**Aperture**	F2.0
TTL[1]	21.2mm	**Back focal length**	5.87mm
Viewing angle	For 1/2.7”: D: 131°, H: 112°, V: 63° For 1/2.8”: D: 125°, H: 105°, V: 59° For 1/2.9”: D: 120.5°, H: 103°, V: 56°	**Dimensions**	16.15mm diam. x 14mm length
Construction	4G	**Lens material**	Glass
Distortion	<-10%	**IR corrected**	No
Resolution	3MP	**Sensor type**	up to 1/2.7”
Weight	4g	**Operating temperature**	-20°C to +85°C

1. Total Track Length: the distance from the surface of the image sensor to the top of the lens.

ORDERING INFORMATION

PART NUMBER	*DESCRIPTION*
AS-LS-M12-028-F20-A	M12 lens with 2.8mm focal length for board-level cameras.
AS-BCAM-S42-001-A	Oriole 3G-SDI Board Camera, with switchable IR-cut filter.

Active Silicon

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