M12 LENS - 10mm FOCAL LENGTH

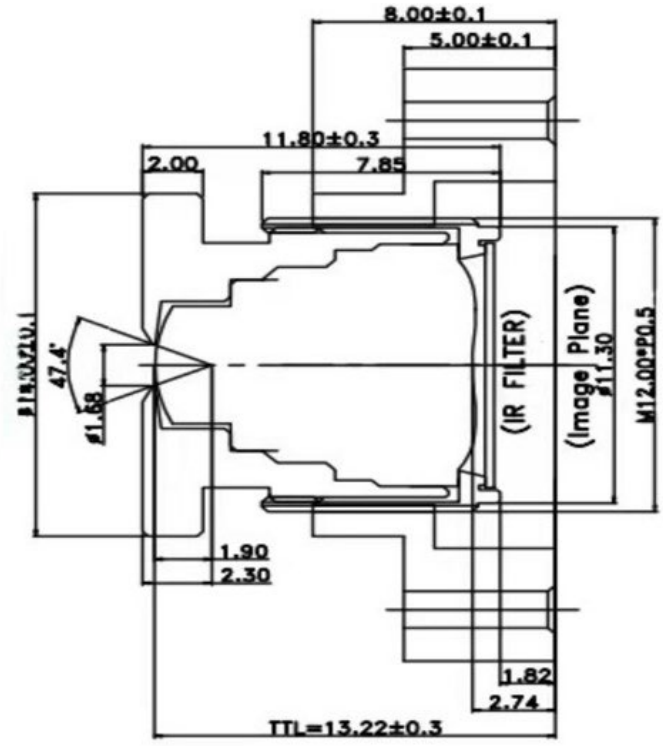
For board-level cameras
AS-LS-M12-100-F25-A

- Macro lens with M12 mount
- For sensors up to 1/1.8″
- For Oriole 3D-SDI Board Camera and similar

FEATURES

- Focal length: 10mm
- Resolution: 8MP
- 1/1.8” sensor FoV: D: 47.4°, H: 41.7°, V: 24°
- 1/2.8” sensor FoV: D: 35.6°, H: 28.6°, V: 21.6°
- Mount M12x0.5

Dimensions



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

AS-LS-M12-100-F25-A			
Focal Length	10mm	**Mount**	M12x0.5
Type	M12 / S-mount lens	**Aperture**	F2.5
TTL[1]	13.22mm	**Back focal length**	2.74mm
Viewing angle	For 1/1.8”: D: 47.4°, H: 41.7°, V: 24° For 1/2.8”: D: 35.6°, H: 28.6°, V: 21.6°	**Dimensions**	14mm diam. x 11.8mm length
Construction	4G	**Lens material**	Glass
Distortion	<-0.97%	**IR corrected**	No
Resolution	8MP	**Sensor type**	up to 1/1.8”
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.

Note that this is a macro lens and the maximum focus range is ~3cm.

ORDERING INFORMATION

PART NUMBER	*DESCRIPTION*
AS-LS-M12-100-F25-A	M12 macro lens with 10mm focal length for board-level cameras.
AS-BCAM-S42-001-A	Oriole 3G-SDI Board Camera, with switchable IR-cut filter.

CONTACT DETAILS

Head Office:

Active Silicon Ltd
1 Waterside Court, Waterside Drive,
Langley, Berks, SL3 6EZ, UK.

Tel: +44 (0)1753 650600
Email info@activesilicon.com
Website: www.activesilicon.com

North America Office:

Active Silicon, Inc.
479 Jumpers Hole Road, Suite 301,
Severna Park, MD 21146, USA.

Tel: +1 410-696-7642
Email: sales.us@activesilicon.com
Website: www.activesilicon.com

14-May-2025 LS-M12 10mm