

**MVL-HF1628-05S**  
**16mm F2.8 M12 Mount Lens**

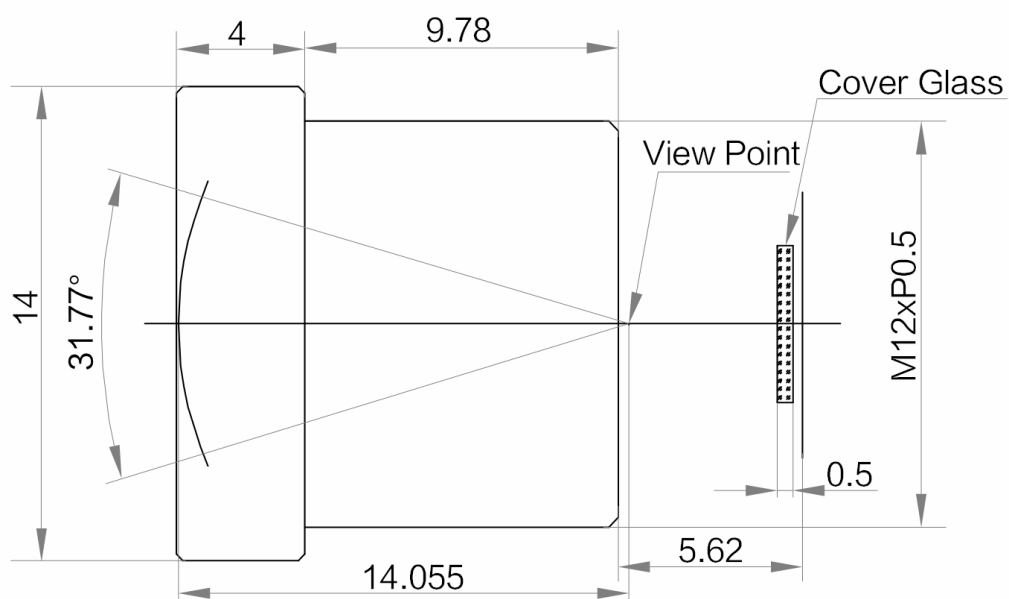
M12 series lens is designed for machine vision applications with excellent imaging quality from near to infinity. It is suitable for board cameras with different resolutions. Adapt for measurement, positioning, defect detection, code scanning and other fields.



**Key Features**

- Optimization design for machine vision
- High resolution, High consistency of picture definition
- Low Distortion, High relative illumination
- S-Mount (M12 \* 0.5), Easy system integration

**Dimension**



Unit: mm



## Specification

Model	MVL-HF1628-05S
Parameter	16mm F2.8 M12 Mount Lens
<b>Performance</b>	
Focal Length	16 mm
F-Number	F2.8
Image Size	Φ8.95 mm
TV Distortion	<0.1%
Working Distance Range	100 ~ 850 mm
Field of View	D (8.86 mm) : 31° H (7.37 mm) : 26° V (4.91 mm) : 17°
<b>Mechanical</b>	
Mount	S-Mount
TTL	19.3 ~ 22.2 mm
Dimension	Φ14 mm × 13.78 mm
Temperature	-10 ~ 50°C
<b>General</b>	
Certification	RoHS 2.0

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