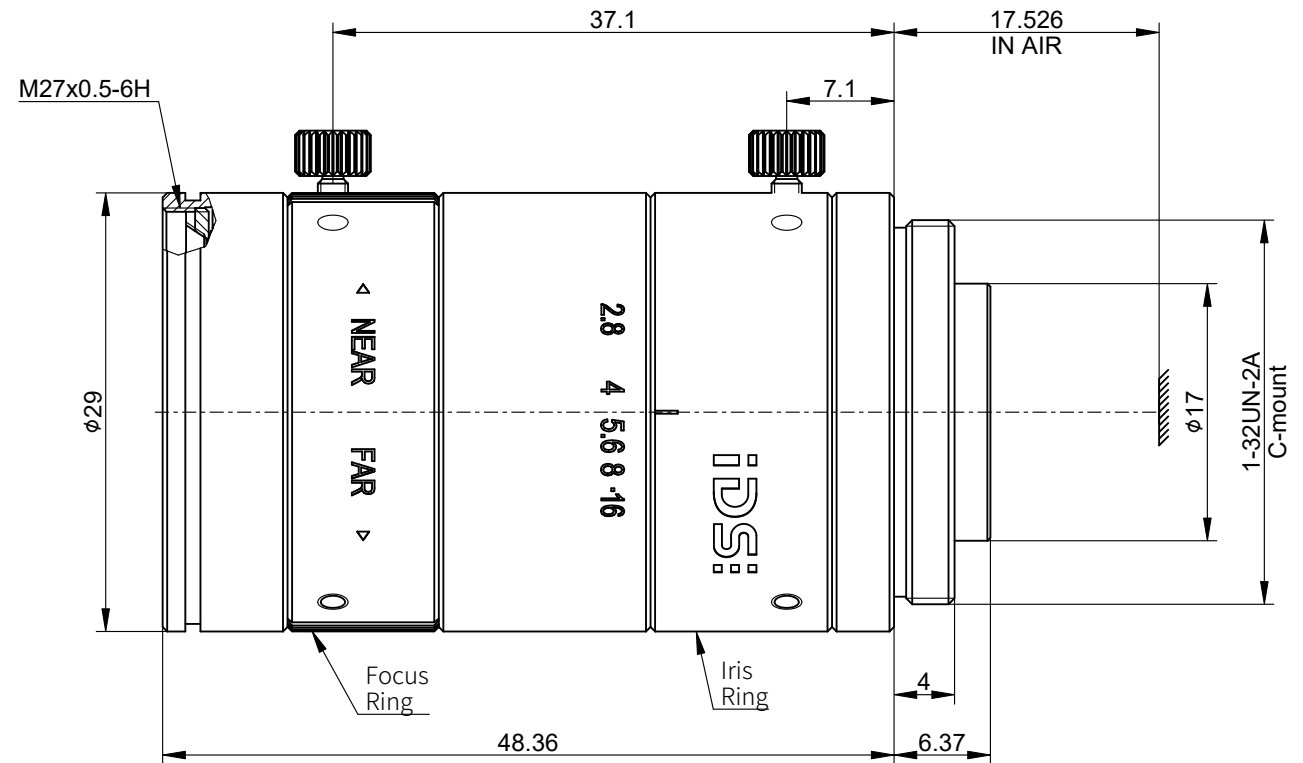


Optical Specification

| | | |
|-----------------------|-------------------|-------------------------------|
| Model | | Lens IDS-12M23-C0828 8mm 2/3" |
| Article Numer | | 1011826 |
| Focal Length (mm) | | 8 |
| Adjustion Type | | Manual |
| Aperture | | F2.8~F16 |
| Sensor ϕ (mm) | | 11(2/3") |
| Working Distance (mm) | | 30~infinity |
| Mag. at MOD | | 0.168X at WD30 |
| Resolution (μ m) | | 2.2 |
| Field Angle | 1/1.8"(HxVxD) | 48.46°x37.30°x58.72° |
| | 2/3"(HxVxD) | 57.62°x44.83°x69.02° |
| TV Distortion | | <0.56% at WD300 |
| Back focal length(mm) | | 13.06 |
| Effective Diameter | Front ϕ (mm) | 22.6 |
| | Back ϕ (mm) | 13.1 |
| Chief Ray Angle | | <5° |
| Mount | | C-Mount |
| Weight(kg) | | 0.08 |
| Size(mm) | | ϕ 29 x 48.36 |
| Filter Thread(mm) | | M27 x 0.5-6H |
| Working Temperature | | -20°C~+60°C |



Unit:mm

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| | | | | | |
|------------|--------------------|--------|--------------|------------|------|
| View Angle | | Remark | Item | Signature | Date |
| | Standard Different | | Drawing | | |
| IT14 | | | Design | | |
| | | | Check | | |
| | | | Approve | | |
| | | | Paper Size | A4 | |
| | | | Revised Date | 2025.03.03 | |

IDS: IDS Imaging Development Systems GmbH

Lens IDS-12M23-C0828 8mm 2/3"

| | | | | |
|-------|------|-----|---------|-----|
| Scale | Page | 1/1 | Version | A01 |
|-------|------|-----|---------|-----|