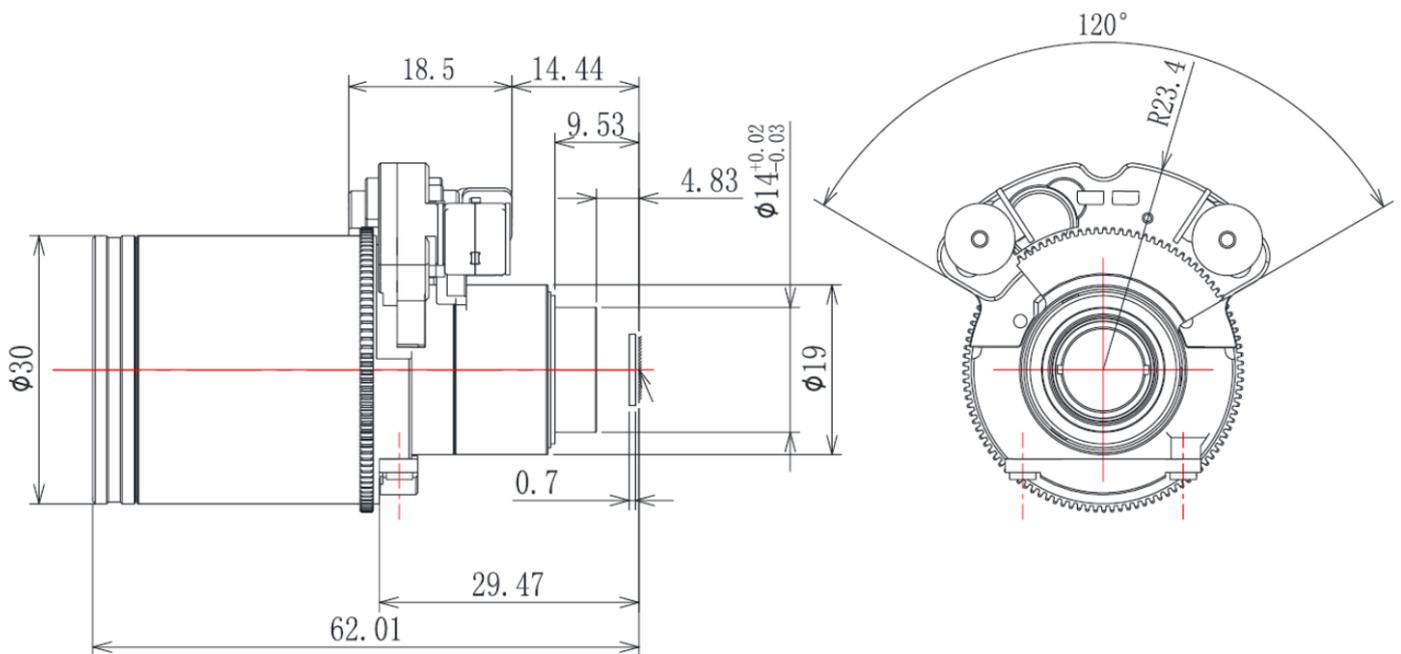


Lens specifications

Specifications

| | |
|-------------------------|--|
| Focal Length | 5-50mm |
| Aperture | f/2.0 |
| Image Size | 1/2.7? |
| Mount Type | D14 |
| Minimum Object Distance | $\geq 1\text{m}$ |
| Back Focal Length | 6.87mm |
| Operation Mode Iris | Fixed |
| Operation Mode Focus | Stepper motor |
| Operation Mode Zoom | Stepper motor |
| External Dimensions | <ul style="list-style-type: none"> • Diameter: 30mm • Length: 52.5mm |
| Weight | 136g |

Drawings



Wiring

| Wire Nr | Wire color | Operation group | Motor signal |
|---------|------------|-----------------|--------------|
|---------|------------|-----------------|--------------|

| | | | |
|---|--------|-------|----|
| 1 | Blue | Focus | A- |
| 2 | Black | Focus | A+ |
| 3 | Green | Zoom | A- |
| 4 | Orange | Zoom | A+ |
| 5 | Yellow | Zoom | B+ |
| 6 | Purple | Zoom | B- |
| 7 | White | Focus | B- |
| 8 | Red | Focus | B+ |

Motor specifications

| | |
|-----------------------------|---------------------------------------|
| Step Motor Outside diameter | 8mm |
| Phase count | 2 phase (Bipolar) |
| Coil Resistance | 40 Ω / phase \pm 10% |
| Current | 120-140mA (3.3-5V) |
| Step angle | 18 degrees/step |
| Inductance | 2m H REF(at 25 \circ 1KHZ, 1.0Vrms) |
| Operating temperature | -20 \circ to 60 \circ |
| Zoom range steps | 2342 Steps 0.0076mm/Steps |
| Focus range steps | 2342 Steps 0.0022mm/Steps |

Revision #3

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