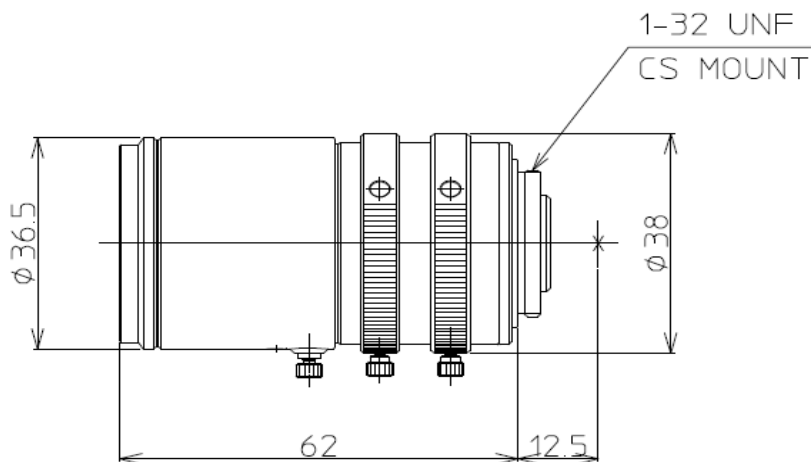




## LMVZ9020-IR



|                              |       |                          |
|------------------------------|-------|--------------------------|
| Model                        |       | LMVZ9020-IR              |
| Focal Length (mm)            |       | 9~20                     |
| Zoom Ratio                   |       | 2.2x                     |
| Image Size (mm)              |       | 1/2" ( $\varnothing 8$ ) |
| Iris Range (F-Stop)          |       | F1.6~F22                 |
| Iris Control                 |       | Manual                   |
| Focus Control                |       | Manual                   |
| Minimum Focus Distance (m)   |       | 0.5                      |
| Back Focal Length (mm)       |       | W 8.4/T 14.8             |
| Flange Focal Length (mm)     |       | 12.5                     |
| Angle of View in Degrees     | Dia.  | W 55.0/T 23.4            |
|                              | Hor.  | W 42.3/T 18.7            |
|                              | Ver.  | W 30.9/T 13.9            |
| Field of View at M.O.D. (mm) | Dia.  | W 554/ T 220             |
|                              | Hor.  | W 411/ T 175             |
|                              | Ver.  | W 293/ T 130             |
| Clear Aperture (mm)          | Front | $\varnothing 19.2$       |
|                              | Rear  | $\varnothing 8.4$        |
| Lens Construction            |       | 8 Groups 9 Elements      |
| Distortion (TV)              |       | W -5.2%/T -0.8%          |
| Exit Pupil Position (mm)     |       | W -173.5/T -48.2         |
| Mount                        |       | CS-Mount                 |
| Weight (g)                   |       | 95                       |