

# Anti-Vibration Machine Vision lenses

LS-AV series · Machine vision lenses · 25 models

4 mm 2/3" 5 MP anti-vibration lens with F2.8 aperture and TV distortion under 3%, for machine vision in vibrating environments.

## Features

- High resolution: 5 MP, covers 4 MP, 3 MP, 1080P
- Large format: 2/3", covers 1", 2/3", 1/1.8" cameras
- Big aperture: F2.8
- Low distortion: <3%
- Compact size

## Applications

- Automation
- Machine vision in vibration areas



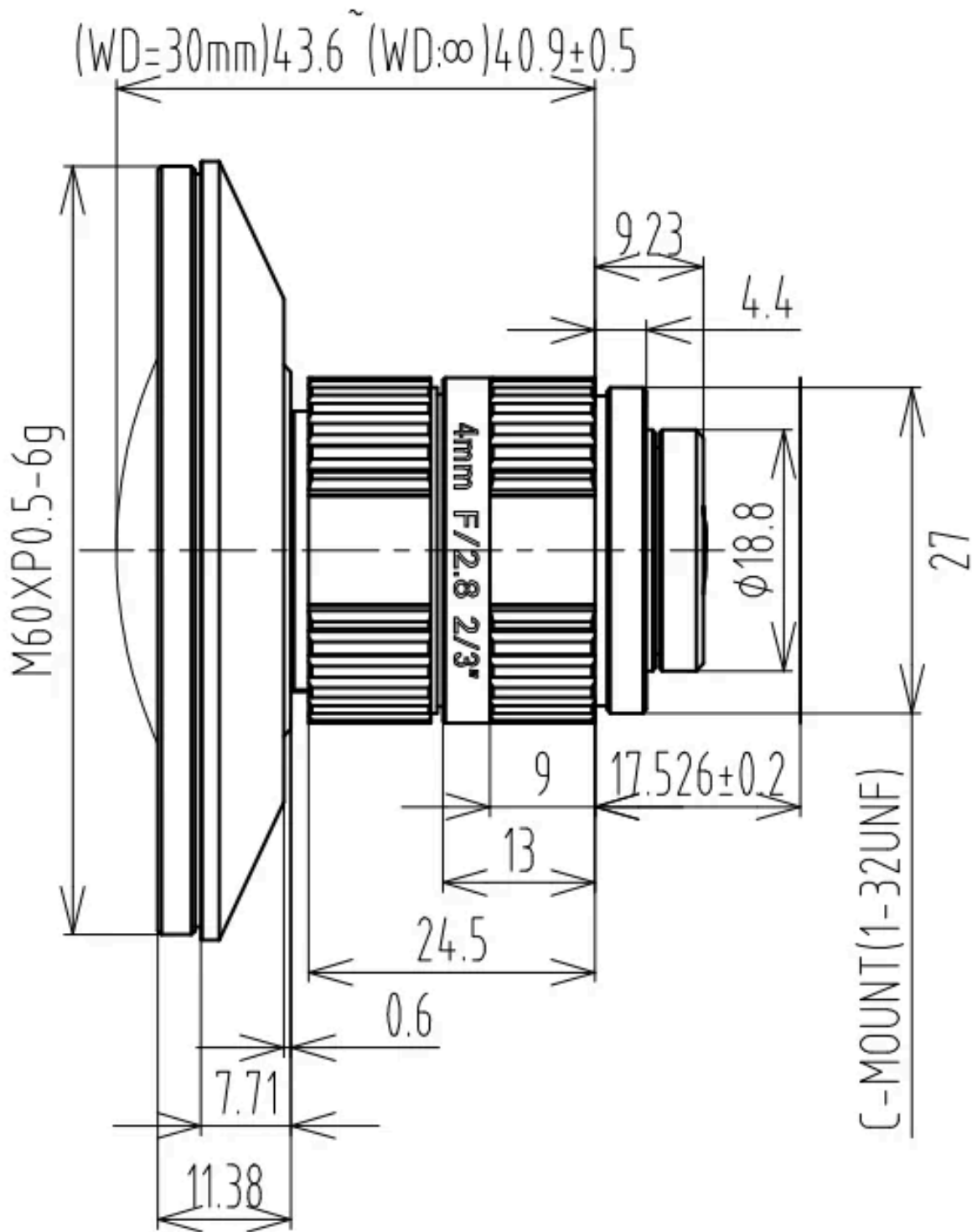
## Models

| Model            | Focal length | Aperture         | Format                     | Resolution              | Mount | Filter thread | Size                                    |
|------------------|--------------|------------------|----------------------------|-------------------------|-------|---------------|-----------------------------------------|
| LS-SAVK0428-5MC  | 4 mm         | F2.8             | 2/3" (11 x 8.44 x 7.06 mm) | 5 MP                    | C     | M60 x P0.5    | front dia. 60.8 mm, length 40.9-43.6 mm |
| LS-SAV0816-5M    | 8 mm         | F1.6             | 2/3"                       | -                       | C     | M35.5 x 0.5   | -                                       |
| LS-SAV1216-5M    | 12 mm        | F1.6             | 2/3"                       | -                       | C     | M35.5 x 0.5   | -                                       |
| LS-S18AV1058-6M  | -            | -                | 1/1.8"                     | -                       | -     | -             | -                                       |
| LS-S23AV1624-8M  | 16 mm        | F2.4 Manual iris | 2/3" (dia. 11 mm)          | 8.0 Megapixel (2.74 µm) | C     | M27 x 0.5-6H  | dia. 35 x 29.6 mm                       |
| LS-SAV1616-5M    | 16 mm        | F1.6             | 2/3"                       | -                       | C     | M30.5 x 0.5   | -                                       |
| LS-SAVK1614-5MC  | 16 mm        | F1.4 Manual iris | 2/3"                       | 5.0 Megapixel           | C     | -             | dia. 33.2x31.4 mm                       |
| LS-S18AV01252-6M | 25 mm        | F5.6 Fixed iris  | 1/1.8" (Max dia. 9 mm)     | 6.0 Megapixel           | C     | -             | dia. 36 x 31 mm                         |
| LS-S18AV02130-6M | 25 mm        | F5.6 Fixed iris  | 1/1.8" (Max dia. 9 mm)     | 6.0 Megapixel           | C     | -             | dia. 36 x 30 mm                         |
| LS-S18AV03135-6M | 25 mm        | F6.0 Fixed iris  | 1/1.8" (Max dia. 9 mm)     | 6.0 Megapixel           | C     | -             | dia. 40 x 45.5 mm                       |
| LS-S18AV0388-6M  | 25 mm        | F6.5 Fixed iris  | 1/1.8" (Max dia. 9 mm)     | 6.0 Megapixel           | C     | -             | dia. 36 x 30 mm                         |
| LS-S23AV2524-8M  | 25 mm        | F2.4 Manual iris | 2/3" (dia. 11 mm)          | 8.0 Megapixel (2.74 µm) | C     | M27 x 0.5-6H  | dia. 35 x 26 mm                         |

|                   |       |                  |                        |                         |   |              |                     |
|-------------------|-------|------------------|------------------------|-------------------------|---|--------------|---------------------|
| LS-SAV2516-5M     | 25 mm | F1.6             | 2/3"                   | -                       | C | M30.5 x 0.5  | -                   |
| LS-SAVK2514-5MC   | 25 mm | F1.4 Manual iris | 2/3"                   | 5.0 Megapixel           | C | -            | dia. 33.8x30.77 mm  |
| LS-S18AV01360-6M  | 35 mm | F5.6 Fixed iris  | 1/1.8" (Max dia. 9 mm) | 6.0 Megapixel           | C | -            | dia. 40 x 38.3 mm   |
| LS-S18AV02192-6M  | 35 mm | F5.6 Fixed iris  | 1/1.8" (Max dia. 9 mm) | 6.0 Megapixel           | C | -            | dia. 40 x 40.7 mm   |
| LS-S23AV3524-8M   | 35 mm | F2.4 Manual iris | 2/3" (dia. 11 mm)      | 8.0 Megapixel (2.74 µm) | C | M27 x 0.5-6H | dia. 35 x 32.2 mm   |
| LS-SAV3516-5M     | 35 mm | F1.6             | 2/3"                   | -                       | C | M30.5 x 0.5  | -                   |
| LS-SAVK3514-5MC   | 35 mm | F1.4             | 2/3"                   | 5.0 Megapixel           | C | -            | dia. 40 x 40.69 mm  |
| LS-S18AV0960-6M   | 43 mm | F8.5 Fixed iris  | 1/1.8" (Max dia. 9 mm) | 6.0 Megapixel           | C | -            | dia. 36 x 69.7 mm   |
| LS-S18AV0158-6M   | 45 mm | F8.5 Fixed iris  | 1/1.8" (Max dia. 9 mm) | 6.0 Megapixel           | C | -            | dia. 36 x 72.3 mm   |
| LS-S23AV5024-8M   | 50 mm | F2.4 Manual iris | 2/3" (dia. 11 mm)      | 8.0 Megapixel (2.74 µm) | C | M27 x 0.5-6H | dia. 35 x 54.7 mm   |
| LS-SAV5020-5M     | 50 mm | F2.0             | 2/3"                   | -                       | C | M30.5 x 0.5  | -                   |
| LS-SAVK5014-5MC   | 50 mm | F1.4 Manual iris | 2/3"                   | 5.0 Megapixel           | C | -            | dia. 40 x 47.5 mm   |
| LS-S11AVK0815-5MC | 8 mm  | F1.4 Manual iris | 1.1"                   | 5.0 Megapixel           | C | M58 x P0.75  | dia. 60.8 x 77.9 mm |

More values per model (Angle of view (2/3", 1/1.8", HxVxD, WD 150 mm), Angle of view (1/1.8", HxVxD, WD 150 mm), TV distortion, Object dimension (2/3", WD 150 mm, HxVxD), M.O.D., TTL (far-near), Back focus, Relative illumination, Operating temperature, Storage temperature, Wavelength, Working distance...) are on each product page.

## Dimensions



## Product views

