

# Economic long working distance lenses (S-WL, SAT, SEI, SV)

LS-MV-S-WL series · Machine vision lenses · 45 models



## Models

| Model            | Magnification (x) | Working distance (mm) | Max sensor size (dia. mm) | Image-side F/# |
|------------------|-------------------|-----------------------|---------------------------|----------------|
| LS-S-WL025X200W  | 0.25              | 200                   | 8(1/2")                   | 12.7           |
| LS-S-WL03X120W   | 0.3               | 120                   | 8(1/2")                   | 12.9           |
| LS-S-WL03X150W   | 0.3               | 150                   | 8(1/2")                   | 11.5           |
| LS-S-WL03X250WN  | 0.3               | 250                   | 8(1/2")                   | 17.1           |
| LS-S-WL03X65W    | 0.3               | 65                    | 8(1/2")                   | 15.3           |
| LS-S-WL04-110W   | 0.4               | 110                   | 8(1/2")                   | 18.4           |
| LS-S-WL04-65WP   | 0.4               | 65                    | 8(1/2")                   | 14.5           |
| LS-S-WL05X105W   | 0.5               | 105                   | 8(1/2")                   | 6.7            |
| LS-S-WL05X132A   | 0.5               | 130                   | 8(1/2")                   | 9              |
| LS-S-WL05X150ANC | 0.5               | 150                   | 8(1/2")                   | 13.4           |
| LS-S-WL05X150W   | 0.5               | 150                   | 8(1/2")                   | 13.4           |
| LS-S-WL05X150WT  | 0.5               | 150                   | 8(1/2")                   | 11.3           |
| LS-S-WL05X230W   | 0.5               | 230                   | 8(1/2")                   | 13.8           |
| LS-S-WL05X300W   | 0.5               | 300                   | 8(1/2")                   | 21.7           |
| LS-S-WL05X330W   | 0.5               | 330                   | 8(1/2")                   | 18.2           |
| LS-S-WL05X350W   | 0.5               | 350                   | 8(1/2")                   | 25.2           |
| LS-S-WL05X65WS   | 0.5               | 65                    | 8(1/2")                   | 21.7           |
| LS-S-WL05X70PW   | 0.5               | 70                    | 8(1/2")                   | 12.8           |

|                 |      |     |         |      |
|-----------------|------|-----|---------|------|
| LS-S-WL075X100W | 0.75 | 100 | 8(1/2") | 21.5 |
| LS-S-WL07X100W  | 0.7  | 100 | 8(1/2") | 16.4 |
| LS-S-WL08X110WS | 0.8  | 110 | 8(1/2") | 22.5 |
| LS-S-WL08X220W  | 0.8  | 220 | 8(1/2") | 16.2 |
| LS-S-WL08X220WC | 0.8  | 220 | 6(1/3") | 16.2 |
| LS-S-WL08X300W  | 0.8  | 300 | 8(1/2") | 19.2 |
| LS-S-WL10X160WC | 1    | 160 | 8(1/2") | 19   |
| LS-S-WL10X170W  | 1    | 170 | 8(1/2") | 20.4 |
| LS-S-WL10X180W  | 1    | 180 | 8(1/2") | 14.6 |
| LS-S-WL10X40W   | 1    | 40  | 8(1/2") | 14.4 |
| LS-S-WL10X40WC  | 1    | 40  | 8(1/2") | 14.4 |
| LS-S-WL10X90W   | 1    | 90  | 8(1/2") | 11.7 |
| LS-S-WL15X190WC | 1.5  | 190 | 8(1/2") | 23   |
| LS-S-WL20X125WC | 2    | 125 | 8(1/2") | 20.6 |
| LS-S-WL20X170WC | 2    | 170 | 8(1/2") | 27.4 |
| LS-S-WL20X200W  | 2    | 200 | 8(1/2") | 32.1 |
| LS-S-WL20X200WC | 2    | 200 | 8(1/2") | 32.1 |
| LS-S-WL20X300W  | 2    | 300 | 8(1/2") | 48.5 |
| LS-S-WL20X300WC | 2    | 300 | 8(1/2") | 48.5 |
| LS-S-WL20X80WC  | 2    | 80  | 8(1/2") | 23.4 |
| LS-S-WL20X90WC  | 2    | 90  | 8(1/2") | 23.4 |
| LS-SAT05X100W   | 0.5  | 100 | 8(1/2") | 11.5 |
| LS-SAT06X70W    | 0.6  | 70  | 8(1/2") | 6.8  |
| LS-SAT10X75W    | 1    | 75  | 8(1/2") | 8.9  |
| LS-SAT20X50W    | 2    | 50  | 8(1/2") | 12.4 |
| LS-SEI05X55PWN  | 0.5  | 55  | 8(1/2") | 10   |
| LS-SV08X65W     | 0.8  | 65  | 8(1/2") | 8.6  |