



For Surveillance Telephoto Zoom

Applicable camera (model)

C55×13.5R3S-ESF

| | | | | |
|---|-----|-----|-----|-----|
| 1 | 2/3 | 1/2 | 1/3 | 1/4 |
|---|-----|-----|-----|-----|

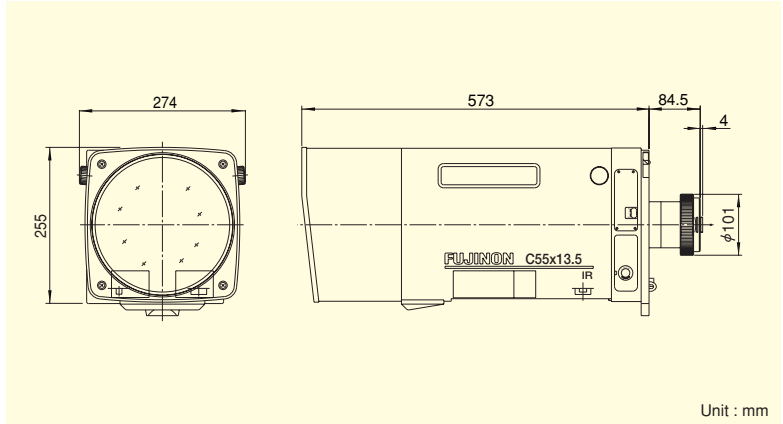
55×



*Photograph is a similar model.

- 55x telephoto zoom lens with near-infrared wavelength selection mechanism. With the excellent brightness of F2.1, best suited for day and night cameras.
- Equipped with the visible/IR cut filter switch mechanism.
- Achieved telephoto at the field angle of 0°15', best suited for long-distance monitoring such as disaster prevention (when used on 1/2" cameras).
- Compatible with a wide range - 1", 2/3" and 1/2" - cameras.

| | | | | | | |
|-----------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|------------------------|
| ZOOM Zoom | WIDE Wide Angle | TELE Telephoto Long Focal | MOTOR DRIVE Motor Drive | Day~Night Day & Night | VIDEO Video Auto Iris | C-mt C Mount |
| METAL Metal Mount | SERVO Full Servo | N D ND Filter | 2 x Extender | F2.1 Wide Aperture Rate | | |



| | | 1× | | 2× | |
|---|-------|------------------------------------|-----------------|------------------------------------|--|
| Focal Length (mm) | | 13.5~750 (55×) | | 27~1500 (55×) | |
| Iris Range | | F2.1 ~ T1500 (Equivalent to F1500) | | F4.2 ~ T3000 (Equivalent to F3000) | |
| Operation | Zoom | Servo Control | | | |
| | Focus | Servo Control | | | |
| | Iris | Auto (Video Type) or Servo Control | | | |
| Angle Of View (H×V) | 1" | WIDE | 50°44' × 39°09' | 26°40' × 20°10' | |
| | | TELE | 0°59' × 0°44' | 0°29' × 0°22' | |
| | 2/3" | WIDE | 36°06' × 27°28' | 18°31' × 13°56' | |
| | | TELE | 0°40' × 0°30' | 0°20' × 0°15' | |
| | 1/2" | WIDE | 26°40' × 20°10' | 13°31' × 10°10' | |
| | | TELE | 0°29' × 0°22' | 0°15' × 0°11' | |
| Focusing Range (From Front Of The Lens) (m) | | ∞ ~ 2.4 | | ∞ ~ 2.4 | |
| Object Dimensions at M.O.D. (H×V) (mm) | 1" | WIDE | 2075 × 1556 | 1038 × 778 | |
| | | TELE | 38 × 28 | 19 × 14 | |
| | 2/3" | WIDE | 1427 × 1070 | 713 × 535 | |
| | | TELE | 26 × 19 | 13 × 10 | |
| | 1/2" | WIDE | 1038 × 778 | 519 × 389 | |
| | | TELE | 19 × 14 | 9 × 7 | |
| Back Focal Distance (in air) (mm) | | 25.01 | | 25.01 | |
| Exit Pupil Position (From Image Plane) (mm) | | -245 | | -141 | |
| Mount | | C | | | |
| Extender | | 2× | | | |
| Mass (kg) | | 21 | | | |
| Control Unit | | CRD-40 (Option) | | | |

Remarks

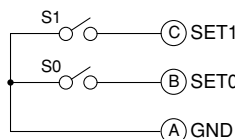
•With Metal Mount

[Electrical Specification] Power Supply : DC 12V (DC 11~16V) Current Consumption : 2.1A (Max.)

| | Zoom | Focus | Iris | Extender |
|---------------------|----------------------------|---------------------------|--|-------------------|
| CONTROL SIGNAL | TELE : 2.5V WIDE : 7.5V | NEAR : 2.5V FAR : 7.5V | AUTO / VIDEO (1Vp-p) / REMOTE / OPEN:7V, CLOSE:2V | 1× : ∞ 2× : +V |
| Current Consumption | 670mA (Max.) | 670mA (Max.) | 100mA (Max.) | 200mA (Max.) |
| OPERATING TIME | 1s. (Max.) | 1s. (Max.) | 1s. (Max.) | 1s. (Max.) |

•Also available:
C55×20R3S-ESF

Near-infrared wavelength selected



| | | S0 | S1 |
|---------------------|---------------|-----|-----|
| Near-infrared light | Visible light | OFF | OFF |
| | 850nm | ON | OFF |
| | 880nm | OFF | ON |
| | 950nm | ON | ON |

Accessories

- Stabilize Adapter
TS-C11

TELEPHOTO ZOOM LENSES