



## Digital Cinema Lens

**CN-R14mm T3.1 L F**

**CN-R20mm T1.5 L F**

**CN-R24mm T1.5 L F**

**CN-R35mm T1.5 L F**

**CN-R50mm T1.3 L F**

**CN-R85mm T1.3 L F**

**CN-R135mm T2.2 L F**

## OPERATION MANUAL

Read this operation manual before using the product.

**ENG**

## SPECIFICATIONS

|                                                            | CN-R14mm T3.1 L F               |               |               | CN-R20mm T1.5 L F               |               |               |
|------------------------------------------------------------|---------------------------------|---------------|---------------|---------------------------------|---------------|---------------|
| Lens Mount                                                 | RF                              |               |               | RF                              |               |               |
| Focal Length                                               | 14mm                            |               |               | 20mm                            |               |               |
| Maximum Relative Aperture(Tno)                             | 1 : 3.1                         |               |               | 1 : 1.5                         |               |               |
| Iris Blade                                                 | 11                              |               |               | 11                              |               |               |
| Image Circle                                               | φ43.3mm                         |               |               | φ43.3mm                         |               |               |
| Aspect Ratio                                               | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       |
| Dimensions (H x V)                                         | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm |
| Angle of View (H / V)                                      | 104.3° / 81.2°                  | 82.6° / 52.5° | 86.2° / 52.5° | 84.0° / 61.9°                   | 63.2° / 38.1° | 66.4° / 38.1° |
| Minimum Object Distance(M.O.D.)<br>[from the image sensor] | 0.2m (8")                       |               |               | 0.3m (12")                      |               |               |
| Object Dimensions at M.O.D.<br>(H x V)                     | 24.8 x 16.5cm                   | 16.9 x 9.5cm  | 18.0 x 9.5cm  | 33.8 x 22.5cm                   | 23.1 x 13.0cm | 24.6 x 13.0cm |
| Front Diameter                                             | φ114mm                          |               |               | φ114mm                          |               |               |
| Thread for filters                                         | — *                             |               |               | φ105mm P1.0                     |               |               |
| Size (W x H x L)                                           | Approx. 118.4 x 118.4 x 118.0mm |               |               | Approx. 118.4 x 118.4 x 125.5mm |               |               |
| Weight                                                     | Approx. 1.3kg                   |               |               | Approx. 1.4kg                   |               |               |

- A variety of professional camera accessories compatible with the φ 15 mm and φ 19 mm rod system can be used with this lens.
- Lenses compatible with Full-frame, Super 35mm, APS-H and APS-C Sensor cameras. When mounted on a camera with a different image size, the angle of view changes.

\* CN-R14mm T3.1 L F cannot be used with a filter.

|                                                            | CN-R24mm T1.5 L F               |               |               | CN-R35mm T1.5 L F               |               |               |
|------------------------------------------------------------|---------------------------------|---------------|---------------|---------------------------------|---------------|---------------|
| Lens Mount                                                 | RF                              |               |               | RF                              |               |               |
| Focal Length                                               | 24mm                            |               |               | 35mm                            |               |               |
| Maximum Relative Aperture(Tno)                             | 1 : 1.5                         |               |               | 1 : 1.5                         |               |               |
| Iris Blade                                                 | 11                              |               |               | 11                              |               |               |
| Image Circle                                               | φ43.3mm                         |               |               | φ43.3mm                         |               |               |
| Aspect Ratio                                               | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       |
| Dimensions (H x V)                                         | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm |
| Angle of View (H / V)                                      | 73.7° / 53.1°                   | 54.3° / 32.1° | 57.3° / 32.1° | 54.4° / 37.8°                   | 38.7° / 22.3° | 41.0° / 22.3° |
| Minimum Object Distance(M.O.D.)<br>[from the image sensor] | 0.3m (12")                      |               |               | 0.3m (12")                      |               |               |
| Object Dimensions at M.O.D.<br>(H x V)                     | 28.8 x 19.2cm                   | 19.7 x 11.0cm | 21.0 x 11.0cm | 20.1 x 13.4cm                   | 13.7 x 7.7cm  | 14.6 x 7.7cm  |
| Front Diameter                                             | φ114mm                          |               |               | φ114mm                          |               |               |
| Thread for filters                                         | φ105mm P1.0                     |               |               | φ105mm P1.0                     |               |               |
| Size (W x H x L)                                           | Approx. 118.4 x 118.4 x 125.5mm |               |               | Approx. 118.4 x 118.4 x 125.5mm |               |               |
| Weight                                                     | Approx. 1.3kg                   |               |               | Approx. 1.3kg                   |               |               |

- A variety of professional camera accessories compatible with the φ 15 mm and φ 19 mm rod system can be used with this lens.
- Lenses compatible with Full-frame, Super 35mm, APS-H and APS-C Sensor cameras. When mounted on a camera with a different image size, the angle of view changes.

|                                                            | CN-R50mm T1.3 L F               |               |               | CN-R85mm T1.3 L F               |               |               |
|------------------------------------------------------------|---------------------------------|---------------|---------------|---------------------------------|---------------|---------------|
| Lens Mount                                                 | RF                              |               |               | RF                              |               |               |
| Focal Length                                               | 50mm                            |               |               | 85mm                            |               |               |
| Maximum Relative Aperture(Tno)                             | 1 : 1.3                         |               |               | 1 : 1.3                         |               |               |
| Iris Blade                                                 | 11                              |               |               | 11                              |               |               |
| Image Circle                                               | φ43.3mm                         |               |               | φ43.3mm                         |               |               |
| Aspect Ratio                                               | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       |
| Dimensions (H x V)                                         | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm |
| Angle of View (H / V)                                      | 39.6° / 27.0°                   | 27.6° / 15.7° | 29.4° / 15.7° | 23.9° / 16.1°                   | 16.5° / 9.3°  | 17.5° / 9.3°  |
| Minimum Object Distance(M.O.D.)<br>[from the image sensor] | 0.45m (18")                     |               |               | 0.95m (3'2")                    |               |               |
| Object Dimensions at M.O.D.<br>(H x V)                     | 24.9 x 16.6cm                   | 17.0 x 9.5cm  | 18.1 x 9.5cm  | 34.3 x 22.9cm                   | 23.4 x 13.1cm | 25.0 x 13.1cm |
| Front Diameter                                             | φ114mm                          |               |               | φ114mm                          |               |               |
| Thread for filters                                         | φ105mm P1.0                     |               |               | φ105mm P1.0                     |               |               |
| Size (W x H x L)                                           | Approx. 118.4 x 118.4 x 125.5mm |               |               | Approx. 118.4 x 118.4 x 125.5mm |               |               |
| Weight                                                     | Approx. 1.2kg                   |               |               | Approx. 1.5kg                   |               |               |

- A variety of professional camera accessories compatible with the φ 15 mm and φ 19 mm rod system can be used with this lens.
- Lenses compatible with Full-frame, Super 35mm, APS-H and APS-C Sensor cameras. When mounted on a camera with a different image size, the angle of view changes.

|                                                            | CN-R135mm T2.2 L F              |               |               |
|------------------------------------------------------------|---------------------------------|---------------|---------------|
| Lens Mount                                                 | RF                              |               |               |
| Focal Length                                               | 135mm                           |               |               |
| Maximum Relative Aperture(Tno)                             | 1 : 2.2                         |               |               |
| Iris Blade                                                 | 11                              |               |               |
| Image Circle                                               | φ43.3mm                         |               |               |
| Aspect Ratio                                               | 1.5 : 1                         | 1.78 : 1      | 1.9 : 1       |
| Dimensions (H x V)                                         | 36 x 24mm                       | 24.6 x 13.8mm | 26.2 x 13.8mm |
| Angle of View (H / V)                                      | 15.2° / 10.2°                   | 10.4° / 5.9°  | 11.1° / 5.9°  |
| Minimum Object Distance(M.O.D.)<br>[from the image sensor] | 1m (3'4")                       |               |               |
| Object Dimensions at M.O.D.<br>(H x V)                     | 21.1 x 14.1cm                   | 14.4 x 8.1cm  | 15.4 x 8.1cm  |
| Front Diameter                                             | φ114mm                          |               |               |
| Thread for filters                                         | φ105mm P1.0                     |               |               |
| Size (W x H x L)                                           | Approx. 118.4 x 118.4 x 139.6mm |               |               |
| Weight                                                     | Approx. 1.5kg                   |               |               |

- A variety of professional camera accessories compatible with the φ 15 mm and φ 19 mm rod system can be used with this lens.
- Lenses compatible with Full-frame, Super 35mm, APS-H and APS-C Sensor cameras. When mounted on a camera with a different image size,the angle of view changes.