

35 mm PL Mount Compact Zoom
Fujinon ZK4.7x19 / ZK3.5x85



► 35 mm PL Mount Compact Zoom

Many Digital Cinema Camera applications require highest optical quality even when using different zoom positions, though the design should be “compact and lightweight”. In answer to this challenge, our FUJIFILM engineers have designed the Fujinon PREMIER PL mount compact lens series. These feature a unique and highly advanced removable drive unit, which is based upon ergonomic engineering concepts. These Fujinon PREMIER PL mount compact zoom lenses combine quality, flexibility and mobility for all requirements.

► Flexible digital drive unit

The drive unit can easily be detached and reattached according to the specific production requirements and

can also be remotely operated via the existing Fujinon servo/focus zoom controllers or other standard industry standard third party controls.

► 16-bit converter for lens accuracy

The drive unit features serial communication allowing for a variety of shooting scenarios as well as newly developed 16-bit rotary encoders providing extraordinary control precision and simple integration into virtual systems.

► Macro function

The improved index marks employ luminous paint to ensure visibility for zoom, focus and iris positions. The lens is also equipped with a macro feature for unique close focusing, a feature which has never been available in a cine lens before.

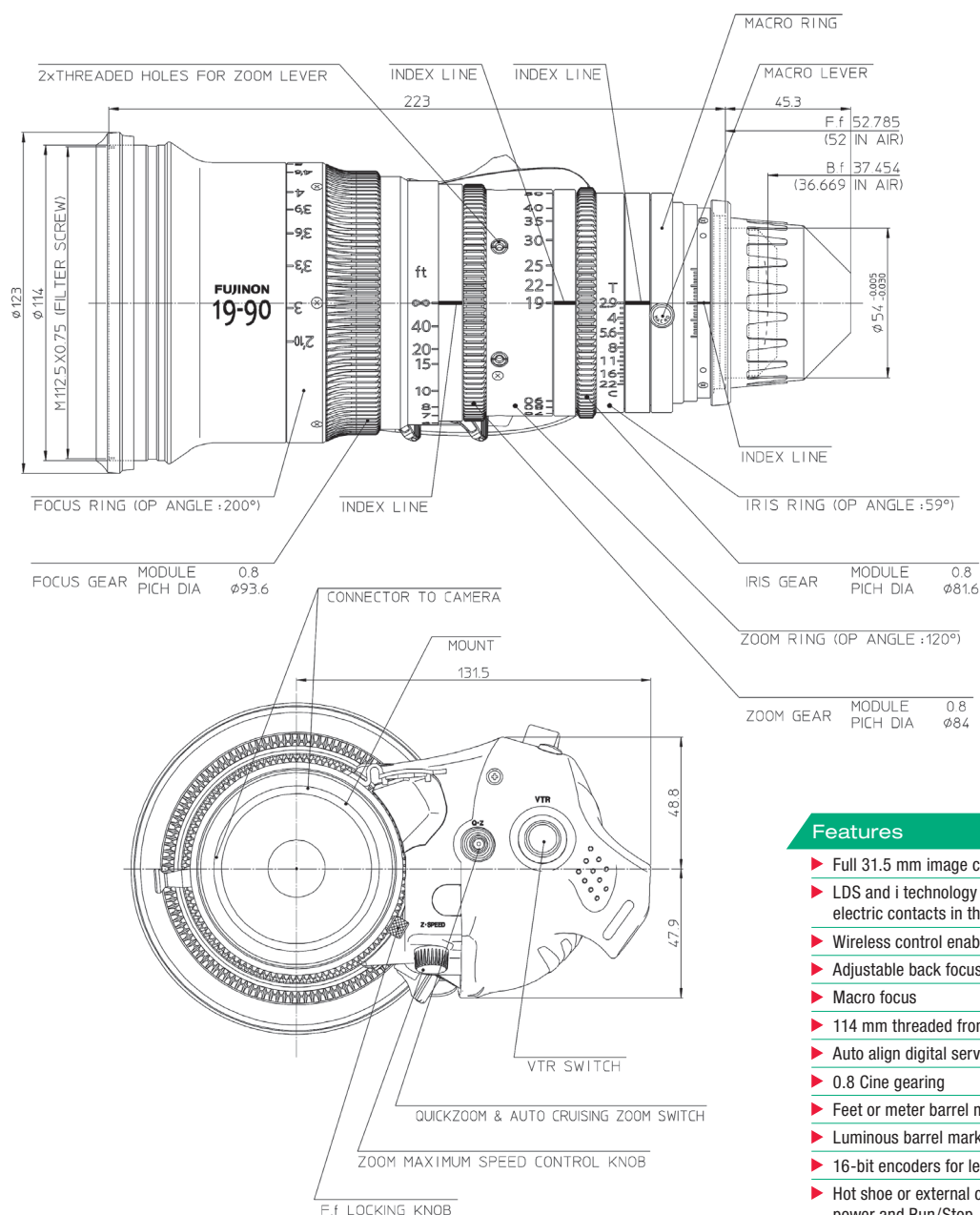
Fujinon. To see more is to know more.



| Specifications/Lens | ZK4.7x19SA M/F | ZK3.5x85SA M/F |
|---|---|---|
| Application | 35 mm PL Mount Camera | 35 mm PL Mount Camera |
| Image circle | 31.5 mm | 31.5 mm |
| Focal length | 19–90 mm | 85–300 mm |
| Zoom ratio | 4.7x | 3.5x |
| Focal length / T-No. | T2.9/19–90 mm | T2.9/85–220 mm, T4.0/300 mm |
| Iris Blades | 9 | 9 |
| M.O.D. from image planes | 0.85 m | 1.2 m |
| Object dimensions at M.O.D. 16:9 Aspect ratio *1 | 19 mm: 915 x 515 mm 90 mm: 193 x 109 mm | 85 mm: 274 x 154 mm 300 mm: 79 x 44 mm |
| Angular field of view 16:9 Aspect ratio *1 | 19 mm: 71°41' x 44°14' 90 mm: 17°20' x 9°48' | 85 mm: 18°21' x 10°23' 300 mm: 5°14' x 2°57' |
| Focus rotation | 200° | 200° |
| Zoom rotation | 120° | 120° |
| Size ø x Length | ø 114 x 223 mm | ø 114 x 249 mm |
| Weight w/servo unit | 2.7 kg | 3.0 kg |
| Weight w/o servo unit | 2.2 kg | 2.5 kg |
| Macro | built-in | built-in |
| Features | Detachable drive unit/Unit flange focal distance adjustment and macro function/LDS/i lens data compatible | |

*1 Note: Sensor size: 27.45 x 15.44 mm

| WIDE | | Angular field of view | | | |
|--------------|-----------|-----------------------|------|------|-------|
| | | 72" | 18" | 17" | 6" |
| Focal length | 35 mm | 19 | 85 | 90 | 300 |
| | 2/3" | 6.6 | 29.7 | 31.4 | 104.8 |
| ZK4.7x19 | 19–90 mm | | | | |
| ZK3.5x85 | 85–300 mm | | | | |



Features

- ▶ Full 31.5 mm image circle coverage
- ▶ LDS and i technology lens data capable through electric contacts in the mount
- ▶ Wireless control enabled
- ▶ Adjustable back focus, no shims
- ▶ Macro focus
- ▶ 114 mm threaded front diameter
- ▶ Auto align digital servo drive unit
- ▶ 0.8 Cine gearing
- ▶ Feet or meter barrel markings
- ▶ Luminous barrel markings
- ▶ 16-bit encoders for lens accuracy
- ▶ Hot shoe or external connection to camera for power and Run/Stop

Specifications are subject to change without notice. 01/13

FUJIFILM

FUJIFILM Europe GmbH

Heesenstr. 31, 40549 Düsseldorf, Germany
Tel.: +49 211-50 89 0, Fax: +49 211-50 89 344
www.fujifilm.eu