

## The high-definition standard ENG lens HA18x7.6BERM/BERD



With a long focal length, 137 mm (274 mm with 2x Extender), and a wide angle of view (64° 30') at 7.6 mm, the HA18x7.6 is the HD standard lens for all High Definition broadcast news and field production applications in 16:9 image format.

The HA18x7.6 is, of course, equipped with internal focusing and designed using the exclusive Fujinon

GO-Technology. GO-Technology which optimizes all optical features in the composition of the lens, resulting in a 20 – 30% improvement in all optical features compared to conventional lenses. The latest glass materials with high refractive indexes and ultra-low dispersion are used to achieve these objectives.

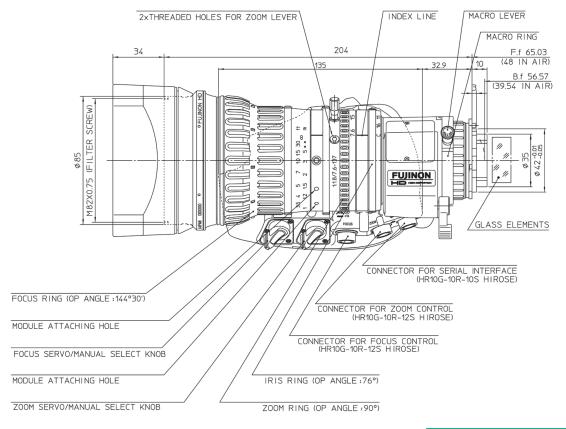
Excellent ramping characteristics combined with minimal ghosting and flare, reduced pumping, minimized longitudinal and lateral chromatic aberrations and high MTF values provide for a standard lens which is the match for applications. The HA18x7.6 offers all the benefits of design and manufacturing, so that production flexibility is almost unlimited.

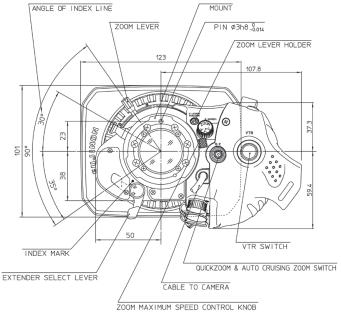
The Fujinon HA18x7.6 – the High Definition standard lens with a versatile performance and compact dimensions. Fujinon. To see more is to know more.

| Specifications/Lens            |                                       | HA18x7.6BERM/BERD  |   |  |
|--------------------------------|---------------------------------------|--|---|--|
| Zoom ratio                     |                                       | 18x  |   |  |
| Extender                       |                                       | 2x   |   |  |
| Focal length                   | w/o extender                          | 7.6–137 mm   |   |  |
| Focal length                   | w/ extender                           | 15.2–274 mm  |   |  |
| Maximum relative aperture      |                                       | F1.8 (7.6–103 mm) / F2.4 (137 mm)                          |   |  |
| Angular field of view          | 16:9 Aspect ratio<br>(9.59 x 5.39 mm) | (1x) 7.6 mm: 64°30' x 39°03'<br>(1x) 137 mm: 4°01' x 2°15' | (2x) 15.2 mm: 35°01' x 20°07'<br>(2x) 274 mm: 2°00' x 1°08' |  |
| Minimum Object Distance M.O.D. |                                       | 0.6 m  |   |  |
| Object dimensions at M.O.D.    | 16:9 Aspect ratio<br>(9.59 x 5.39 mm) | (1x) 7.6 mm: 738 x 415 mm<br>(1x) 137 mm: 41 x 23 mm       | (2x) 15.2 mm: 362 x 204 mm<br>(2x) 274 mm: 21 x 12 mm       |  |
| Dimensions                     |                                       | Ø 85 x 204 mm  |   |  |
| Macro                          |                                       | Yes  |   |  |
| Filter thread                  |                                       | M82 x 0.75   |   |  |
| Weight (without lens hood)     |                                       | 1.58 kg / 1.65 kg  |   |  |
| Operating system               |                                       | ERM / ERD  |   |  |
| Features <sup>2</sup>          |                                       | IF QZ ZL*  |   |  |
| Options <sup>2</sup>           |                                       | QF Vformat WE VC   |   |  |

\*Controlled by Digital zoom demand 2 2nd page: legend for logos







| Π                   | Filters     |   |  |  |  |
|---------------------|-------------|---|--|--|--|
|                     | ► EFL-82 UV | UV  |  |  |  |
|                     | ► EFL-82 SL | Skylight  |  |  |  |
|                     | ► EFL-82 N2 | Neutral density 2   |  |  |  |
|                     | ► EFL-82 N4 | Neutral density 4   |  |  |  |
|                     | ► EFL-82 N8 | Neutral density 8   |  |  |  |
|                     | ► EFL-82 CS | Cross screen  |  |  |  |
| ► EFL-82 SN         |             | Snow cross  |  |  |  |
|                     | ► EFL-82 SU | Sunny cross   |  |  |  |
|                     | ► EFL-82 SF | Soft focus  |  |  |  |
|                     | ► EFL-82 PL | Polarizing  |  |  |  |
| Converters          |             | Front-mounted, zooming possible, no loss in F-number of master lens                                 |  |  |  |
|                     | ► TCV-H85   | Tele converter (1.5x)   |  |  |  |
| WCV-H85 Attachments |             | Wide converter (0.8x)   |  |  |  |
|                     |             | Front-mounted, zooming not possible, no loss in F-number of master lens, use at wide-angle position |  |  |  |
|                     | ► WAT-H85   | Wide attachment (0.7x)  |  |  |  |
|                     | ► F-ATH85   | Fish-Eye attachment (0.57x)   |  |  |  |
|                     | ► HCL-H5085 | Close-up lens (0.5 m)   |  |  |  |
|                     |             |   |  |  |  |

Accessories HA18x7.6

Annotations: For more detailed information and for additional accessories, please refer to the general catalogue.



IFInner Focus QF QuickFrame QZ QuickZoom WE Without Extender

VC Virtual Connector Virtual Connector Virtual Variable Format ZL Zoom Limit

## **FUJIFILM Europe GmbH**

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