

# Duvo series

## Specifications



**OS-TECH**  
Optical Stabilized Technology



	Duvo 14-100	Duvo 24-300	Duvo 25-1000
Model Name	FUJINON HZK14-100mm	FUJINON HZK24-300mm	FUJINON HZK25-1000mm
Focal Length	14-100mm (1x) 21-150mm (1.5x)	24-300mm (1x) 36-450mm (1.5x)	25-1000mm (1x) 37.5-1500mm (1.5x)
Zoom Ratio	7.1x	12.5x	40x
Expander	1.5x	1.5x	1.5x
T-No. / F-No.	T2.9-T3.9	T2.9(24-207mm) / T4.2(300mm)	F2.8(25-465mm) / F5.0(1000mm)
Minimum Object Distance (M.O.D.) from front lens	0.28m	0.88m	3.5m
Approx. Size	266.9mm	270.5mm	669mm
Approx. Mass	2.65kg	2.95kg	28.0kg
Front Diameter	114mm	114mm	—

*Duvo*

### Commitment to “Duvo”

“Duvo” is a coined term combining Latin words Duo (=Dual) and Vivo (=Live). It represents the series’ “two-faceted nature with cinema- and broadcast-lens characteristics” and “compatibility with two types of mainstream large sensors for cinema cameras”.

# Duvo

Dual format live lens series

This lens will change  
The look of your images

# Cinematic visual expressions and Broadcast lens operation

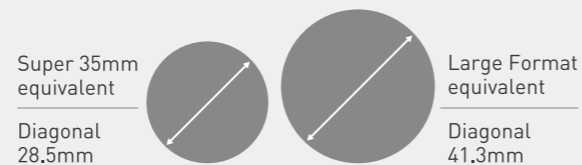
Offering superior optical performance that produces natural cinematic footage, with broadcast lens operability featuring high zoom magnification and compatibility with existing accessories.



## Dual format Expander allows coverage of both Super35mm and Large Format camera sensors

Duvo series is equipped with an internal 1.5x expander\* that widens the image circle while maintaining the peak optical performance. Even with a full frame-equivalent sensor, you can shoot with the same angle of view as a super 35mm sensor, expanding the range of cameras that can be used.

\*When combined with a super 35mm sensor, it can be used as a 1.5x extender, extending the telephoto reach of the lens by 50%.



## Diverse shooting style expanded with box and portable lenses

The three lenses are covering a wide range of focal lengths from 14mm to 1000mm. It enables a variety of shooting styles, such as telephoto shooting with the Duvo Box's 40x zoom and shooting with shoulder-mounted operation or Steadicam thanks to Duvo Portable's compact and lightweight design.

Focal length	Super 35mm*	14	24	25	100	300	1000
	2/3"	5.4	9.2	9.6	39	116	385
Duvo Box	HZK25-1000mm						
Duvo Portable	HZK24-300mm						
	HZK14-100mm						

\*Sensor size: 24.90x14.00

## Achieving high optical performance, producing a cinematic visual expression

Aberrations are controlled thoroughly to achieve superior optical performance. In addition, while Duvo series is a high magnification zoom lens, it achieves F2.8 with Duvo box and T2.9 with Duvo portable at the wide end, producing cinematic visual expression with a beautiful bokeh effect.



## Features that support comfortable shooting and editing

- 01 Features "Breathing Compensation Technology (BCT)" which automatically corrects focus breathing to produce natural footage maintaining the subject being filmed in a constant size during changes in focus.
- 02 Features "Remote Back Focus (RBF)" which enables the control of the Flange Focal Distance from the control panel of the camera or robotic system.
- 03 Compatible with the "ZEISS eXtended Data"\* system, enabling the recording of lens metadata (focus, zoom, and iris position) and lens distortion and shading corrections.

\* Compatible only with Duvo Portable

## Achieving comfortable shooting with zoom and focus demands

Lens controls can be used in the same style as broadcast lenses involving zoom and focus demands. It also supports multi-camera operations for efficient live production. The lens can be connected to a cinema style wireless lens controller as well and the focus ring on Duvo Portable has a gear pitch of 0.8M for easy integration with cinema industry standard accessories.



### System Diagram

