

Duvo series

Specifications



OS-TECH
Optical Stabilized Technology



	Duvo 24-300	Duvo 25-1000
Model Name	FUJINON HZK24-300mm	FUJINON HZK25-1000mm
Focal Length	24-300mm (1x) 36-450mm (1.5x)	25-1000mm (1x) 37.5-1500mm (1.5x)
Zoom Ratio	12.5x	40x
Expander	x1.5	x1.5
T-No. / F-No.	T2.9-T4.2	F2.8-F5.0
Minimum Object Distance (M.O.D.) from front lens	0.88m	3.5m
Approx. Size	270.5mm	669mm
Approx. Mass	2.95kg	28.0kg
Front Diameter	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

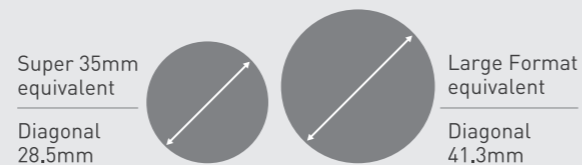
Offering superior optical performance that produces natural cinematic footage, with broadcast lens operability featuring high zoom magnification and compatibility with existing accessories.



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						
	HZK Wide						

*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

