

Canon ***YJ12x 6.5B KRS/IRS-A***
YH12x 4.8 KRS/IRS-A



*The Widest
Pro-Video Lens
with **IF** Technology*



IF pro

YJ12x 6.5B KRS/IRS-A YH12x 4.8 KRS/IRS-A

IF pro
SHUTTLE SHOT

The widest Pro-Video Lens with **IF** Technology

Pro-Video has awaited the widest angle

Now, Canon proudly announces the world's widest Pro-Video zoom lens with Canon 3-group IF technology.

The YJ12x provides wide images never previously seen in this class with 68.2° angle of view at the wide end. The focal length at the wide end is 6.5mm, 28% wider than the current

Pro-Video standard lens YJ19x9. Not only a wide angle, the YJ12x can achieve short object distance-40cm- and low relative aperture Max. F2.0.

And, by equipping the new function "Shuttle Shot Technology", Canon provides you even more useful features.

The wide ranging advantages of Canon 3-group IF system

■ In Canon's unique IF system, the front section is divided into 3 groups (concave, convex and convex) and the middle lens moves for focusing. Featuring this 3 group IF system – previously only available in broadcast wide angle lenses – which greatly minimizes the zooming effect of focus and provides an optimum balance to the aberrations.

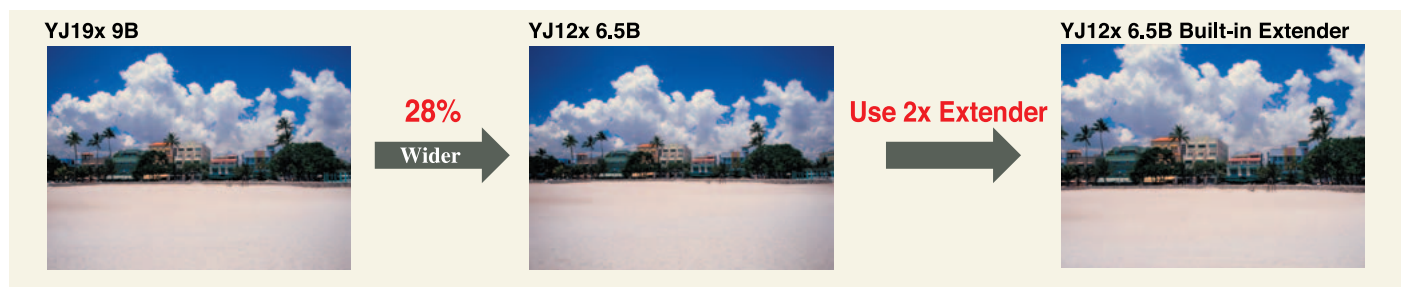
■ High optical performance is backed by high level specifications and angular field of view. Reduced lateral chromatic aberrations and improved corner performance.

■ Ergonomic drive unit delivers superior operational advantages.

Built-In 2X Extender and Greater Specifications Expand the Applications much wider

As the only pro-video lens in the wide angle class with a built-in 2X extender, the YJ12x/YH12x IRS covers up to 156mm (YJ12x) & 116mm (YH12x) at the tele side with the 2X

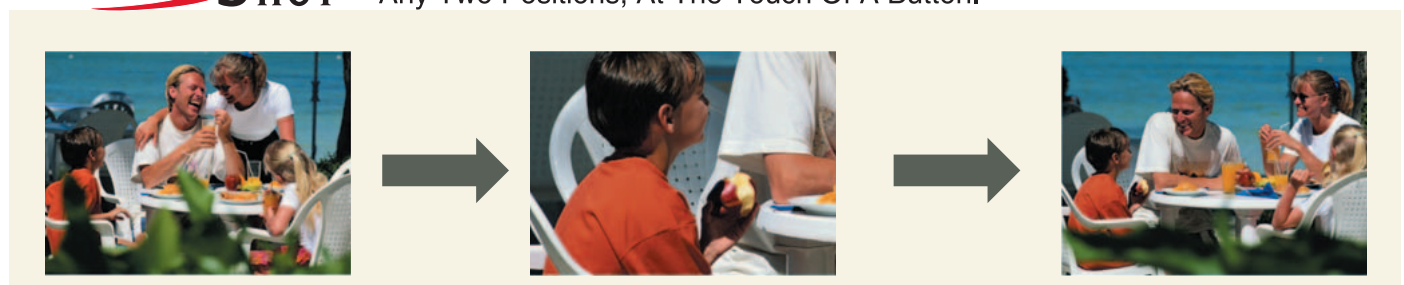
extender and can thus be used as the standard ENG lens.



Shuttle Shot Technology

SHUTTLE SHOT

Pro Video's Lens Now Zooms Back And Forth Between Any Two Positions, At The Touch Of A Button.



Shuttle Shot is a Canon Exclusive Technology that enhances production capabilities. At the touch of a button, this feature allows the operator to zoom back and forth instantly between any two positions. It can be used to zoom to the telephoto position to check focus and then return instantly to the original position or you can *shuttle* between any two-zoom positions at any time. Shuttle Shot adds even more to the Pro-Video standard lens.

YJ12x6.5B KRS-A/YH12x4.8 KRS-A

Square Hood

- Eliminate ghosting and glare more effectively.

Creative Filter Work

- Filters attached to the front of the lens remain stationary even while focusing—thus re-indexing is not necessary.

Reduced Chromatic Aberrations

- Chromatic aberrations due to movement of the front elements are reduced.

High and Flat MTF

Lightweight Design-1.90kg (4.1 lbs)

Quiet Servo Operation

Ergonomically Designed Grip

- Canon's original "Ergonomic Grip" is specially designed to provide users with hours of fatigue-free shooting.

Specially Developed Protein Paint

- Exclusively engineered to absorb moisture while enhancing the feel of the lens.

System-Matched Colouring

- Easily integrates with all cameras.



High Zoom Ratio-12x

Wide Angular Field of View-68.2°x53.8°

Tele Angular Field of View with 2x Extender 3.2°x 2.4°

Wide Focal Length-6.5mm 13mm(2x Extender)



**2X
EXTENDER**

Rubber Grip On Focus Ring

- Provides user-friendly design of the focusing operation

YJ12x6.5B IRS-A/YH12x4.8 IRS-A

SPECIFICATIONS

LENS	YJ12x 6.5B		YH12x 4.8	
	KRS	IRS	KRS	IRS
Image Format	8.8 x 6.6mm ; φ 11.0mm		6.4 x 4.8 mm φ 8.0mm	
Zoom Ratio	12x		12x	
Built-in Extender	2.0X		2.0X	
Range of Focal length	6.5-78mm	6.5-78mm (13-156mm with 2x Extender)	4.8-58mm	4.8-58mm (9.6-116mm with 2x Extender)
Maximum Relative Aperture (with 2x Extender)	1: 2.0 (6.5-60mm)/1: 2.6 (78mm)	1: 2.0 (6.5-60mm)/1: 2.6 (78mm) 1:4.0 (13mm-120mm)1: 5.2 (156mm)	1: 1.5 (4.8-44.6mm)/1: 9.5 (58mm)	1: 1.5 (4.8-44.6mm)/1: 9.5 (58mm) 1:3.0 (9.6mm-89.2mm)/1: 3.92 (116mm)
Angular Field of View (with 2x Extender)	W68.2°x 53.8° T6.5°x 4.8°	W68.2°x 53.8° T6.5°x 4.8° W37.4°x 28.5° T3.2°x 2.4°	W67.4°x 53.1° T6.3°x 4.7°	W67.4°x 53.1° T6.3°x 4.7° W36.9°x 28.1° T3.2°x 2.4°
M.O.D. from Lens Front	0.4m(50mm with Macro)			
Object Dimensions at M.O.D. (with 2x Extender)	W63.3x 47.5(cm) T5.0x 3.8(cm)	W63.3x 47.5(cm) T5.0x 3.8(cm) W31.7x23.8(cm) T2.5x1.9(cm)	W62.3x 46.7(cm) T5.0x 3.8(cm)	W62.3x 46.7(cm) T5.0x 3.8(cm) W31.2x23.4(cm) T2.5x1.9(cm)
Approx Size(W x H x L)	162.2 x 101.0x211.7(mm)	162.2 x 101.0x234.8(mm)	162.2 x 101.0x217.8(mm)	162.2 x 101.0x233.5(mm)
Size (W x H x L)	1.73kg(3.81lbs)	1.9kg(4.1lbs)	1.73kg(3.81lbs)	1.9kg(4.1lbs)
Macro	Yes	Yes	Yes	Yes

