

**Canon**

***YJ19x9B KRS***

***YJ19x9B IRS***

*Industry Standard* **IFpro** ~~SHUTTLE~~SHOT



# YJ19x9B KRS

**IF** pro  
**SHUTTLE SHOT**

# YJ19x9B IRS (Built-in 2x extender)

Canon has improved Pro-Video Industry Standard lens with improved optical quality and faster zoom speed (1.7 second from wide to tele) and “Shuttle Shot” function.

## IF TECHNOLOGY

Now Pro-Video camera people can take advantage of the breakthrough technology broadcasters have enjoyed for years—Internal Focus(IF).

Internal Focus technology was pioneered by Canon and first introduced into their Broadcast ENG lenses. It has since become the industry-standard. Internal Focus is a system where the front end of the lens remains stationary and does not rotate. Only internal elements move when focusing.

Internal Focus enhances optical performance and provides several user benefits :

- IF improves chromatic aberrations, thus increasing resolution.
- IF is not sensitive to changes in object distances.
- IF decreases flare by use of a square hood.
- IF enables a higher level of creative filter work.
- Even heavy optical accessories attached at the front of the Lens does not affect the focusing operation.

Until today, because of the intricate optical design and complicated mechanical structure, Internal Focus had only been used in Broadcast ENG lenses. By overcoming these challenges, Canon is proud to announce the world's first Pro-Video zoom lens with IF technology : IFpro—Internal Focus for the Pro-Video market.



## SHUTTLE SHOT TECHNOLOGY

**SHUTTLE SHOT**

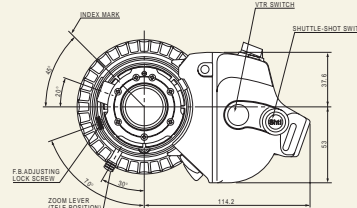
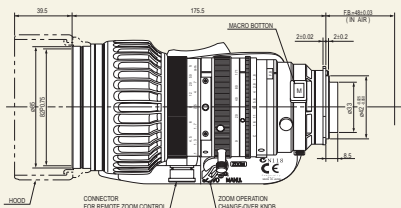
Pro Video's Most Popular Lens Now Zooms Back And Forth Between Any Two Positions, At The Touch Of A Button.



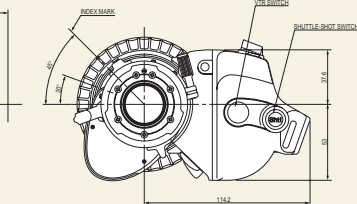
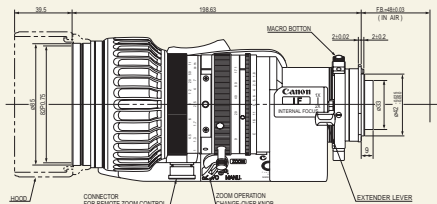
**Shuttle Shot** is a Canon Exclusive Technology that enhances production capabilities. At the touch of a button, this feature allows the operator to zoom back and forth instantly between any two positions. It can be used to zoom to the telephoto position to check focus and then return instantly to the 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.

## DIMENSION:

YJ19x9B KRS



YJ19x9B IRS



● **Square Hood**

Eliminate ghosting and flare more effectively.

● **Creative Filter Work**

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

● **Short Minimum Object Distance-0.9m**

● **Reduced Chromatic Aberrations**

Chromatic aberrations due to movement of the front elements are reduced and distortion is minimized

● **High and Flat MTF**

Increased resolution at the edges and corners of picture achieving higher MTF

● **Lightweight Design - 1.5kg (3.31lbs.)**

● **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 Coloring**

Easily integrates with all cameras.

● **Built-in 2x Extender**

Maximum focal length of 324mm

● **Longest Zoom Ratio-19x**

The First IFpro video lens features the longest zoom ratio in its class.

● **Wide Angular Field of View -52.1° x 40.3°**

● **Rubber Grip On Focus Ring**

Provides user-friendly design of the focusing operation

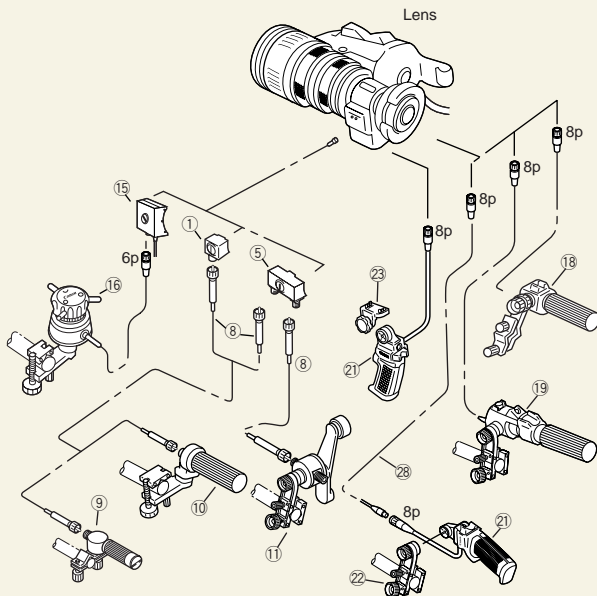
**SPECIFICATIONS:**

LENS	YJ19x9B KRS	YJ19x9B IRS
Image Format Covered	2/3 "	
Zoom Ratio/Format	19:1	
Range of Focal Length	9-171mm	9-171mm 18-342mm (2.0X)
Maximum Focal Aperture	1:1.8 at 9-114mm 1:2.7 at 171mm	1:1.8 at 9-114mm 1:2.7 at 171mm 1:3.6 at 18-228mm (2.0X) 1:5.4 at 342mm (2.0X)
Angular Field of View (degrees)	W 52.1 x 40.3 T 2.97 x 2.22	W 52.1 x 40.3 T 2.97 x 2.22 W 27.5 x 20.8 (2.0X) T 1.41 x 1.11 (2.0X)
M.O.D.	0.9m	
Object Dimensions at M.O.D.	W 78.9 x 59.2 T 4.3 x 3.2	W 78.9 x 59.2 T 4.3 x 3.2 W 39.5 x 29.6 (2.0X) T 2.2 x 1.6 (2.0X)
Size (W x H x L)	139.8 x 99.5 x 175.5mm	139.8 x 99.5 x 198.8mm
Weight	1.33kg	1.53kg



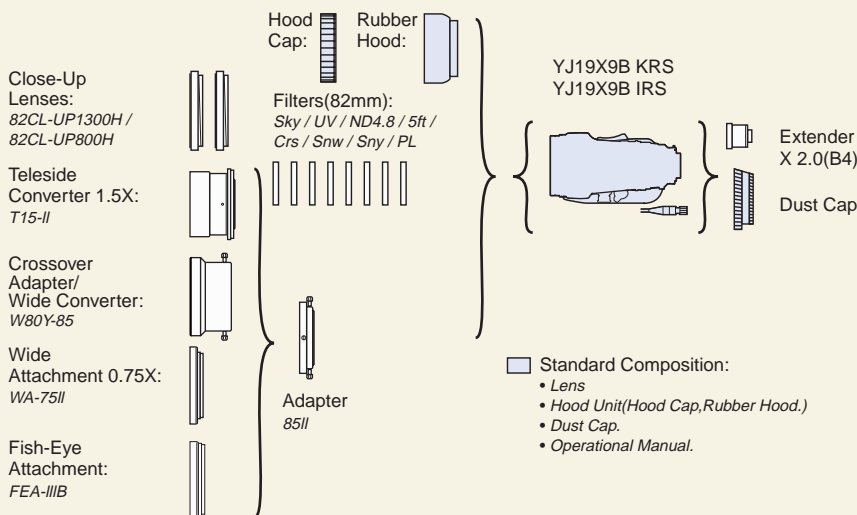
**2X  
EXTENDER**

## LENS CONTROLLERS



#	Unit	Description	CODE
①	FM-12	Flex Focus Module	1824A012
⑤	FM-70	Flex Dual Module	0002T071
⑧	FC-40	Flex Cable	1824A010
⑨	FFC-15	Flex Focus Controller	1824A024
⑩	FFC-200	Flex Focus Controller	1824A014
⑪	FZC-100	Flex Zoom Controller	1824A021
⑮	FPM-77	Focus Positional Servo Module	1824A020
⑯	FPD-400	Focus Positional Demand	1824A018
⑱	ZSD-15A II / M II	Zoom Demand	A 1824A070 M 1824A071
⑲	ZSD-300A/M	Zoom Demand	A 1824A066 M 1824A067
⑳	ZSG-200A/M	Zoom Servo Grip	A 1824A068 M 1824A069
㉑	CR-10	Clamper	1824A007
㉒	GA-70	Grip Adapter	0018T531
㉓	EC-80	Zoom Extension Cable (8P)	1824A009

## OPTICAL ACCESSORIES



ITEM (FILTER)	MODEL
Ultra Violet	UV / 82mm
Skylight	Sky / 82mm
ND4	ND4 / 82mm
ND8	ND8 / 82mm
Softon	Sft / 82mm
Cross Screen	Crs / 82mm
Snow Cross	Snw / 82mm
Sunny Cross	Sny / 82mm
Polarized	PL / 82mm

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http://www.canon.com/bctv

Specifications subject to change without notice

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