## Canon

## YH19x 6.7 KRS YH19x 6.7 IRS

Industry Standard IFpro Shuttle 8 HOT



## YH19x6.7 KRS SHUTTLES HOT YH19x 6.7 IRS (Built-in 2x extender)

Canon introduces the next generation of the Pro-Video Industry Standard lens which features improved optical quality, a faster zoom speed (1.7 seconds from wide to tele) and our exclusive Shuttle Shot function. A higher and flat MTF is achieved because of increased resolution at the edges and corners of the picture.

### IF TECHNOLOGY

The YH19x6.7 is the successor of the world's best selling "YH18x6.7" which was the first lens in the Pro-Video lens category to offer an Internal Focus system. Internal Focus technology was pioneered by Canon and first introduced as part of our broadcast line of ENG lenses. Internal Focus has since become the industry standard and greatly improved the performance of the lenses. In an Internal Focus system, the front end of the lens remains stationary and does not rotate, only internal elements move when focusing.

- IF improves chromatic aberrations, thus increasing resolution.
- IF is not sensitive to changes in object distance.
- IF decreases flare.
- IF enables a higher level of creative filter work
- Heavy optical accessories attached at the front of the lens do not affect the focus operation.

"Originally, because of the intricate optical design and complicated mechanical structure, internal focus had only been used in Broadcast ENG lenses. By overcoming these challenges, we were the first to introduce IF to Pro-Video lenses with our 18X. Today, Canon is proud to announce our latest Pro-Video zoom lens with IF technology, the YH19X6.7 . IFpro -Internal Focus for the Pro-Video market."



## SHUTTLE SHOT TECHNOLOGY



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:** YH19x6.7 KRS YH19x6.7 IRS

#### Square Hood

Eliminates 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 the picture achieving higher MTF.

- •Lightweight Design 1.33kg (2.93lbs.)
- Quiet and Fast Servo Operation 1.7 seconds from Wide to Tele
- 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.
- Optional Built-in 2x Extender
   Maximum focal length of 254mm
- ●Long Zoom Ratio-19x
- Wide Angular Field of View -51.1°x 39.4°

### • Rubber Grip On Focus Ring

Provides user-friendly design of the focusing operation.

## **SPECIFICATIONS:**

LENS		YH19x6.7 KRS	YH19x6.7 IRS
Image Format		½" (6.4 x 4.8mm; φ 8mm)	
Zoom Ratio		19X	19X
Built-in Extender			2.0X
Range of Focal Length (with Extender)		6.7~127mm	6.7~127mm 13.4~254mm (2.0X)
Maximum Relative Aperture (with Extender)		1:1.4 at 6.7~89mm 1:2.0 at 127mm	1:1.4 at 6.7~89mm 1:2.0 at 127mm 1:2.8 at 13.4~178mm 1:4.0 at 254mm (2.0X)
	4:3 Aspect Ratio (6.4x4.8mm)	51.1°x39.4° at 6.7mm 2.89°x2.17° at 127mm	51.1°x39.4° at 6.7mm 2.89°x2.17° at 127mm 26.9°x20.3° at 13.4mm 1.44°x1.08° at 254mm (2.0X)
M.O.D. from Lens Front		0.9m(50mm with Macro)	0.9m(50mm with Macro)
Object Dimensions at M.O.D. (with Extender)	4:3 Aspect Ratio (6.4x4.8mm)	77.2x57.9cm at 6.7mm 4.2x3.2cm at 127mm	77.2x57.9cm at 6.7mm 4.2x3.2cm at 127mm 38.6x29.0cm at 13.4mm 2.1x1.6cm at 254mm (2.0X)
Approx. Size(WxHxL)		139.8x99.5x181.6mm	139.8x99.5x199.5mm
Approx. Mass		1.33kg (2.93lbs)	1.53kg (3.37lbs)
Macro		yes	yes

YH19x 6.7 IRS

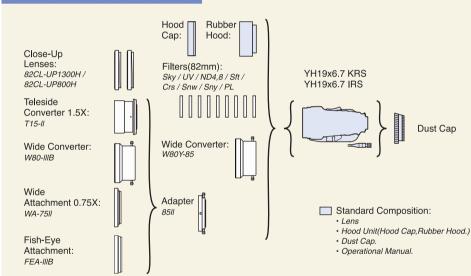




# LENS CONTROLLERS Lens **8**p

#	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-15M Ⅱ	Zoom Demand M	1824A071
(19)	ZSD-300M	Zoom Demand M	1824A067
21)	ZSG-200M	Zoom Servo Grip M	1824A069
22	CR-10	Clamper	1824A007
23	GA-70	Grip Adapter	0018T531
28	EC-80	Zoom Extension Cable (8P)	1824A009

### OPTICAL ACCESSORIES



MODEL	CODE
82CL-UP800H	1823A041
82CL-UP1300H	1823A042
Teleside Con T15-II	1823A005
Wide Con W80-IIIB	1823A006
Wide Attach WA-75II	1823A008
Fish-Eye FEA-IIIB	1823A011
Adaptor85II	1824A002
UV / 82mm	1823A030
Sky / 82mm	1823A031
Crs / 82mm	1823A032
Sny / 82mm	1823A033
Snw / 82mm	1823A034
ND4 / 82mm	1823A035
ND8 / 82mm	1823A036
Sft / 82mm	1823A037
PL / 82mm	1823A038
W80Y-85	1823A009

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Specifications subject to change without notice