

**Canon**

# *J33ax 11B IASD*

# *J33ax 15B IASD*



*Worldwide Standard  
Telephoto Portable  
now with  
Digital Drive*

DIGITAL DRIVE  
**DD**

# J33ax 11B IASD

(11-363mm 1:2.0)

# J33ax 15B IASD

(15-500mm 1:2.7)



## Worldwide Standard Telephoto Portable now with Digital Drive

The well-known J33ax11B/15B IAS has had a very good reputation all over the world for a long time. Canon is now releasing the long-awaited new models, J33ax11B IASD and J33ax15B IASD, which are equipped with Digital Drive. While keeping the high optical specification in the present model, the Digital Drive provides you even more useful features.

### Full Lineup of DD Series

By launching the J33ax11/15B IASD, we have completed the full lineup of Digital Drive SDTV portable lenses. (J11ax, J17ax, J21ax, J33ax)

### Keep high performance levels

The Optical specification that Canon provides is a matter of pride.

Generally, color aberration and corner performance vary with the movement of the front element when focusing and is most recognizable at long focal lengths. But with the employment of the internal focusing system, these changes have been decreased to the smallest amounts. Thus there is no difference in performance from infinity to MOD, which is quite a long distance in field use. In addition, color blur has been diminished at the tele end, which is a very important point with lenses for OB use. Even when using the built-in 2X extender, a sharp picture without color blur has been achieved. Minimization of distortion and maximization of corner MTF has also been achieved through the use of a long accumulated optical

design technique, the self-developed optical design program and also by means of the self-developed simulation program for optical performance analysis.

### Digital Drive Unit

The newly developed Digital Drive system provides many outstanding features.

#### Shuttle Shot

By memorizing any two focal lengths, the Digital Drive can automatically "Shuttle" between the two points, moving in either direction.

#### Framing Preset

An angle of view can be present in memory and the lens will zoom to that position by pushing a simple button. During a performance, framing preset will reproduce the zoom position decided upon at the rehearsal. It's easy to repeat the same zoom as often as you like at the highest speed or in a preset zoom speed.

#### Speed Preset

A specific zoom speed can be preset in memory and it is possible to repeat the zoom

speed as often as you like by pushing a simple button.

#### Zoom mode select

One of several selectable operation curves can be chosen which will allow different zoom movement characteristics when operating the rocker switch.

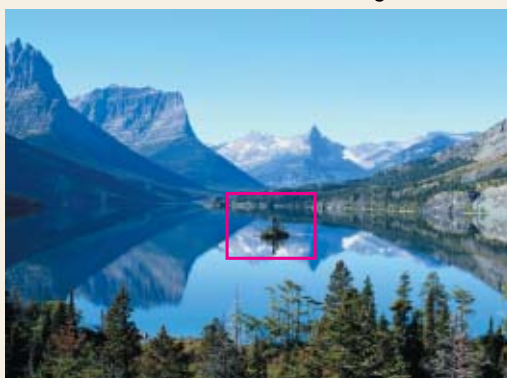
#### New digital demands series

In addition, Canon is introducing a new Digital Zoom Demand, the ZSD-300D. The new demand will be able to operate the shuttle shot (Shtl) and Frame Preset (Frame) functions. The ZSD-300D will be connected to the lens via a new one-touch 20pin connector. All current analog controllers are fully compatible with Digital Drive lenses.

#### Improvement of zoom speed

The zoom speed has been improved and is considerably faster compared with the analog type while providing smoother operations.

f=11mm at the widest angle



f=363mm at the narrowest angle



## Quiet Servo Operation



Return Switch  
Framing preset Switch  
Speed mode change over Lever

Memory Switch  
Zoom operation Switch

Mass (4.5kg)

Built-in 2X Extender

High Zoom Ratio 33x  
Focal Length 11-363mm/15-500mm  
(22-726mm/30-1000mm With 2x Ext.)  
Is Achieved With Reduced Distortion.

Reduced Longitudinal and Lateral Chromatic Aberrations

High and Flat MTF

•Realization of high contrast in all areas of the picture (center~corner).

## SPECIFICATIONS

### J33ax11B IASD

	NORMAL 4:3		16:9	
	1.0X	2.0X	1.0X	2.0X
Built-in Extender	1.0X	2.0X	1.0X	2.0X
Range of Focal length	11-363mm	22-726mm	11-363mm	22-726mm
Zoom Ratio	33x			
Maximum Relative Aperture	1:2.0 at 11~220mm 1:3.3 at 363mm	1:4.0 at 22~440mm 1:6.6 at 726mm	1:2.0 at 11~220mm 1:3.3 at 363mm	1:4.0 at 22~440mm 1:6.6 at 726mm
Angular Field of View	43.6° x 33.4° at 11mm 1.39° x 1.04° at 363mm	22.6° x 17.1° at 22mm 0.69° x 0.52° at 726mm	47.1° x 27.5° at 11mm 1.51° x 0.85° at 363mm	24.6° x 14.0° at 22mm 0.76° x 0.43° at 726mm
Object Dimensions at M.O.D.	161.9x121.4cm at 11mm 4.9x3.7cm at 363mm	81.0x61.0cm at 22mm 2.5x1.9cm at 726mm	176.8x99.5cm at 11mm 5.3x3.0cm at 363mm	88.4x49.8cm at 22mm 2.7x1.5cm at 726mm
Minimum object Distance (M.O.D.)	2.2m (MACRO 55mm)			
Approx. Size (WxHxL)	167(W)x131(H)x308.4(L)mm			
Approx. Mass	4.46kg(9.83lbs)			

### J33ax15B IASD

	NORMAL 4:3		16:9	
	1.0X	2.0X	1.0X	2.0X
Built-in Extender	1.0X	2.0X	1.0X	2.0X
Range of Focal length	15-500mm	30-1000mm	15-500mm	30-1000mm
Zoom Ratio	33x			
Maximum Relative Aperture	1:2.7 at 15~297mm 1:4.5 at 500mm	1:5.4 at 30~594mm 1:9.0 at 1000mm	1:2.7 at 15~297mm 1:4.5 at 500mm	1:5.4 at 30~594mm 1:9.0 at 1000mm
Angular Field of View	32.7° x 24.8° at 15mm 1.01° x 0.76° at 500mm	16.7° x 12.6° at 30mm 0.50° x 0.38° at 1000mm	35.5° x 20.4° at 15mm 1.10° x 0.62° at 500mm	18.2° x 10.3° at 30mm 0.55° x 0.31° at 1000mm
Object Dimensions at M.O.D.	118.3x88.7cm at 15mm 3.6x2.7cm at 500mm	59.2x44.4cm at 30mm 1.8x4cm at 1000mm	129.2x72.7cm at 15mm 3.9x2.2cm at 500mm	64.6x36.4cm at 30mm 1.9x1cm at 1000mm
Minimum object Distance (M.O.D.)	2.2m (MACRO 55mm)			
Approx. Size (WxHxL)	167(W)x131(H)x338(L)mm			
Approx. Mass	4.51kg(9.94lbs)			

