

PART II • HDDSLRS

WHY HDDSLRS?

Pros

Cons

Size of sensor	Ergonomics
Performance in low light	Weight
Small size/ weight and price	Lack of Stabilization
Lens Choice	Lack of Professional “bells and whistles”

FOOTAGE COMPARISON

HVX 200

5D MKII

RED ONE

PANASONIC HVX 200



CANON 5D MKII



RED ONE



“First Look”

Northshore, HI

“First Look”

BTS



CHOOSING “THE” CAMERA

Canon



FULL FRAME

1.0 X

100mm = 100mm

CANON 5D MKII

#2764B003

MSRP 2499.00

www.usa.canon.com

Canon



1.3 X

100mm = 130mm

20mm = 26mm

CANON 1D MKIV

#3822B002

MSRP 4999.00

www.usa.canon.com

Canon



1.6 X

100mm = 160mm

20mm = 32mm

CANON 7D

#3814B004

MSRP 1699.00

www.usa.canon.com

Canon



1.6 X

100mm = 160mm

20mm = 32mm

CANON Rebel T2i

#4462BO03

MSRP \$899.99

www.usa.canon.com

TECHNICAL TERMS

RESOLUTION

2K

1920 x 1080

1280 x 720

640 x 480

SD

INTERLACED VS. PROGRESSIVE



- Progressive- A method for displaying, storing, or transmitting moving images, in which all the lines of each frame are drawn in sequence.
- Interlaced- A method for displaying, storing, or transmitting moving images, where only the odd lines then the even lines of each frame are drawn.

FRAMES PER SECOND

- 24 fps
- 29.97 fps
- 30 fps
- 60 fps

COMPRESSED VS RAW

- Quality & Post
- Correct Exposure
- Setting Color Balance
- Camera Settings
- Resolution & FPS

CANON CAMERA SETTINGS

PICTURE STYLE

- Neutral
- Sharpening
- Contrast
- Saturation
- Color Tone

SETTINGS CONTINUED

- Highlight tone priority OFF
- Auto lighting optimizer OFF
- Auto ISO OFF
- ISO multiples of 160

MAX ISO

- 5D MKII - 1600 ISO
- 7D - 800 ISO
- 1D MKIV - 3200 ISO

COLOR SPACE

- sRGB vs Adobe 98

- 444

- 422

- 420

ASPECT RATIOS

- 1.33:1 - 4:3 - Square Format
- 1.78:1 - 16:9 - Wide Screen/Web Format
- 1.85:1 - Theatrical/Movie Theater
- 2.39:1 - Anamorphic Theatrical Format

NIKON CAMERA SETTINGS

Nocturne

Canon EOS 1D MKIV