

## Advanced Features

Image Stabilization : SteadyShot™ image stabilization w/ Active mode

Dustproof : Yes (In use with Waterproof Case (SPK-AS1))

Interval Recording : Yes (photo) (5s/10s/30s/60s)

Waterproof : Yes (In use with Waterproof Case (SPK-AS1))

Power Save : Yes

## Camera

Camera Type : POV Action Cam

Auto Non Flicker : Yes

Gain Control : Auto

Color : Black

Color : Black

## Convenience Features

Date / Time Stamp : Yes (Rec Date and Time)

Multiple Language Display : English

Media/Battery Indicator : Yes (recordable time) / Yes (remaining capacity)

On Screen Main Indicators : Recording Mode; Image stabilization

Image Management File Repair : Yes (AUTO)

Fast Playback : About 5 times/10 times

Convenience Features(details) Date&Time, Area Setting

Date & Time, Summer Time, Area Set : Yes (except Summer Time)

Convenience Features(details) Media Format

Quick Format (Initialize) : Memory Card

Display Panel

Display Panel : Yes

## Drive System

Shutter Speeds : Auto Control Range: 1/30 - 1/10,000 (30fps)

## Exposure System

Minimum Illumination : 6 lux

Exposure Settings : Auto

Metering Modes : Multi-segment

Gain Control : Auto

Backlight Compensation : Yes (Auto)

Noise Reduction : Yes

White Balance Mode : Auto

## Imaging Sensor

Processor : BIONZ® image processor

Pixel Gross : Approx.16800K pixels

Color Filter System : RGB primary color filters

Effective Picture Resolution : Approx.11900K pixels (16:9)

Imaging Sensor : 1/2.3" (7.77mm) back-illuminated Exmor® R CMOS Sensor

Imaging Sensor(details)

Recording pixels (photo, 16:9) : Approx.11900000 pixels

## Interface

HDMI Terminal : Yes (micro)

Memory Card Slot : Memory Stick Micro™ and Micro SD/SDHC compatible

HD Output : HDMI Out (micro)

USB Port(s) : micro-B/USB2.0 Hi-speed (mass-storage)

BRAVIA® Sync™ : Yes

Microphone Input : Stereo Minijack

#### Optics/Lens

Minimum Focus Distance : Approx.11 7/8inch (Approx.30cm)

Lens Type : Carl Zeiss® Tessar® Lens

Focal Distance : f=2.9mm, f=1/9inch

Steady Shot Mode:Active : 21.3mm

Aperture : F2.8

Focal Length (35mm equivalent) : f=15.3mm, f= 5/8 inch

Angle of View : 170° (without SteadyShot), 120° (with SteadyShot)

#### Power

Power Requirements : 3.6V (battery pack)

Battery Type : NP-BX1 (supplied)

Power Consumption (in Operation) : 1.7W (in Display Panel operation)

Charge on camcorder (Charging time with supplied Battery) : Yes (Approx. 4h 05min)

#### Recording

Progressive Mode : Yes

Video Signal : HD:HDTV 1080/60p

Microphone/Speaker : Built-in Microphone, Monoral Speaker

Video Resolution : 1920×1080/30P (HQ),1280×720/30P (STD,SLOW,SSLOW), 680×480/30P (VGA)

Audio Format : MPEG-4 AAC-LC 2ch

Movie Recording Rate(Average Bit Rate/VBR) : HQ:Approx.16Mbps/ SSLOW:Approx.24Mbps/  
SLOW:Approx.12Mbps/ STD:Approx.6Mbps/ VGA:Approx.3Mbps

Video Format : MPEG4-AVC/H.264

Still Image Mode : JPEG

Still Image File Format : DCF Ver.2.0 compatible, Exif Ver.2.3 compatible, MPF Baseline compatible

Media Type : Memory Stick Micro™ (Mark 2), Micro SD/SDHC Memory Card (Class 4 or Higher)

Still Image Max Effective Resolution : 2.0 megapixels

Still Image Size(Photo Mode) : 2.0 megapixels 16:9 (1920x1080)

Video Actual (Pixel) : Approx.11900K pixels

#### USB Charging(details)

blank : DC 5V 500mA/600mA

USB Power Supply

blank : Yes (1.5A or more is recommended)

#### Weights and Measurements

Weight (Approx.) (Total) : Approx.90g (NP-BX1(supplied battery))

Dimensions (Approx.) : Approx. 31/32inch x 1 7/8inch x 3 1/4inch (Approx. 24.5mm x 47.0mm x 82.0mm)

Weight (Approx.) : Approx. 2oz (Approx. 65g)