

Sony Alpha A6100 Specifications

Imaging

Lens Mount Sony E

Camera Format APS-C (1.5x Crop Factor)

Pixels Actual: 25 Megapixel

Effective: 24.2 Megapixel

Maximum Resolution 6000 x 4000

Aspect Ratio 1:1, 3:2, 16:9

Sensor Type CMOS

Sensor Size 23.5 x 15.6 mm

Image File Format JPEG, Raw

Bit Depth 14-Bit

Image Stabilization None

Exposure Control

ISO Sensitivity Auto, 100 to 32000 (Extended: 100 to 51200)

Shutter Speed Mechanical Shutter

1/4000 to 30 Second

Bulb Mode

1/4000 to 1/4 Second in Movie Mode

Metering Method Center-Weighted Average, Multi-Zone, Spot

Exposure Modes Aperture Priority, Auto, Manual, Program, Shutter Priority

Exposure Compensation -5 to +5 EV (1/3, 1/2 EV Steps)

Metering Range -2 to 20 EV

White Balance Auto, Cloudy, Color Temperature, Custom, Daylight, Flash, Fluorescent (Cool White), Fluorescent (Day White), Fluorescent (Daylight), Fluorescent (Warm White), Incandescent, Shade, Underwater

Continuous Shooting Up to 11 fps at 24.2 MP for up to 33 Frames (Raw) / 77 Frames (JPEG)

Up to 8 fps at 24.2 MP

Up to 6 fps at 24.2 MP

Up to 3 fps at 24.2 MP

Self-Timer 2/5/10-Second Delay

Video

Recording Modes XAVC S

UHD 4K (3840 x 2160) at 24.00p/25p/29.97p [60 to 100 Mb/s]

Full HD (1920 x 1080) at 24.00p/25p/29.97p/50p/59.94p/100p/119.88p [50 Mb/s]

AVCHD

Full HD (1920 x 1080) at 23.976p/50i/59.94i/59.94p [17 to 28 Mb/s]

External Recording Modes 4:2:2 8-Bit

UHD 4K (3840 x 2160) at 24.00p/25p/29.97p

Full HD (1920 x 1080) at 24.00p/50i/50p/59.94i/59.94p

Recording Limit Unlimited

Video Encoding NTSC/PAL

Audio Recording Built-In Microphone (Stereo)

External Microphone Input (Stereo)

Audio File Format AAC LC, AC3, Dolby Digital 2ch, Linear PCM (Stereo)

Focus

Focus Type Auto and Manual Focus

Focus Mode Automatic (A), Continuous-Servo AF (C), Direct Manual Focus (DMF), Manual Focus (M), Single-Servo AF (S)

Autofocus Points Phase Detection: 425

Contrast Detection: 425

Autofocus Sensitivity -2 to +20 EV

Viewfinder and Monitor

Viewfinder Type Electronic (OLED)

Viewfinder Size 0.39"

Viewfinder Resolution 1,440,000 Dot

Viewfinder Eye Point 23 mm

Viewfinder Coverage 100%

Viewfinder Magnification Approx. 0.7x

Diopter Adjustment -4 to +3

Size 3"

Resolution 921,600 Dot

Display Type 180° Tilting Touchscreen LCD

Flash

Built-In Flash Yes

Flash Modes Auto, Fill Flash, Hi-Speed Sync, Off, Rear Sync, Red-Eye Reduction, Slow Sync, Wireless

Maximum Sync Speed 1/160 Second

Flash Compensation -3 to +3 EV (1/3, 1/2 EV Steps)

Dedicated Flash System TTL

External Flash Connection Hot Shoe, Wireless

Interface

Memory Card Slot Single Slot: SD/SDHC/SDXC/Memory Stick Duo Hybrid (UHS-I)

Connectivity 3.5mm Microphone, HDMI D (Micro), USB Micro-B (USB 2.0)

Wireless Wi-Fi

Bluetooth

GPS None

Environmental

Operating Temperature 32 to 104°F / 0 to 40°C

Physical

Battery 1 x NP-FW50 Rechargeable Lithium-Ion, 7.2 VDC, 1080 mAh (Approx. 420 Shots)

Dimensions (W x H x D) 4.72 x 2.63 x 2.34" / 120 x 66.9 x 59.4 mm

Weight 0.87 lb / 396 g (Body with Battery and Memory)

Packaging Info

Package Weight 1.43 lb

Box Dimensions (LxWxH) 6.2 x 5.65 x 4.55"