# Clifton Cameras Product Specification

## Sony Alpha A77 Mark II Digital SLT Camera Full Spec

**Imaging**

**Lens Mount** Sony Alpha/ Minolta

**Camera Format** APS-C / (1.5x Crop Factor)

**Pixels** Actual: 24.7 Megapixel

**Effective**: 24.3 Megapixel

**Max Resolution** 24 MP: 6000 x 4000

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

**Sensor Type / Size** CMOS, 23.5 x 15.6 mm

**File Formats**

Still Images: JPEG, RAW

Movies: AVCHD Ver. 2.0, MP4, MPEG-4 AVC/H.264

Audio: AAC LC, AC3, Dolby Digital 2ch

**Bit Depth** 14-bit

**Dust Reduction System** Yes

**Memory Card Type**

Memory Stick Pro Duo

Memory Stick PRO HG-Duo

Memory Stick XC-HG Duo

SD

SDHC

SDXC

**Image Stabilization** Sensor-Shift

**Focus Control**

**Focus Type** Auto & Manual

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

**Autofocus Points** Phase Detection: 79, 15 cross-type

**Viewfinder/Display**

**Viewfinder Type** Electronic

**Viewfinder Size** 0.5"

**Viewfinder Pixel Count** 2,359,296

**Viewfinder Eye Point** 27.00 mm

**Viewfinder Coverage** 100%

**Viewfinder Magnification** Approx. 1.09x

**Diopter Adjustment** - 4 to +3 m

**Display Screen** 3" Rear Screen Swivel LCD (1,228,800)

**Exposure Control**

**ISO Sensitivity** Auto, 100-25600 (Extended Mode: 50-25600)

**Shutter**

Type: Electronic & Mechanical

Speed: 30 - 1/8000 , Bulb Mode

**Remote Control** RMT-DSLR2 (Optional)

**Metering Method** Center-weighted average metering, Multi-zone metering, Spot metering

**Exposure Modes**

Modes: Aperture Priority, Auto, Continuous Advance Priority AE, Intelligent Auto, Manual, Memory Recall, Movie, Programmed Auto, Scene Selection, Shutter Priority, Superior Auto, Sweep Panorama

Metering Range: EV -2.0 - EV 17.0

Compensation: -5 EV to +5 EV (in 1/3 or 1/2 EV steps)

**White Balance Modes**

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

**Flash**

**Flash Modes**

Auto

Fill-in

Hi-Speed Sync

Off

Rear Sync

Red-eye Reduction

Slow Sync

Wireless

**Built-in Flash** Yes

**Guide No**. 39.37' (12 m) ISO100

**Max Sync Speed** 1 / 250 seconds

**Flash Compensation** -3 EV to +3 EV (in 1/3 or 1/2 EV steps)

**Dedicated Flash System** TTL

**External Flash Connection** Hot Shoe, PC Terminal, Proprietary, Wireless

**AV Recording**

**Video Recording** Yes, NTSC

**File Size** 1

920 x 1080p (Full HD)

1920 x 1080i (Full HD)

1440 x 1080 (HD)

1280 x 720 (HD)

640 x 480 (SD)

**Aspect Ratio** 16:9

**Frame Rate**

@ 1920 x 1080: 60 fps, 24 fps

@ 1440 x 1080: 30 fps

@ 1280 x 720: 30 fps

@ 640 x 480: 30 fps

**Exposure Control**

Auto

Manual: Shutter Speed, Aperture, ISO

**ISO Sensitivity** 100 - 12800

**Focus**

Auto

Manual

Continuous Auto

**Video Clip Length**

920 x 1080

29 min.

**Audio Recording**

Built-in Mic: With Video, Stereo

Optional External Mic: With Video

**Performance**

**Continuous Shooting** Up to 12 fps

**Self Timer** 10 seconds, 2 seconds

**Connectivity** 1/8" Microphone, DC Input, HDMI D (Micro), Micro-USB, Multi Interface Terminal

**Wi-Fi Capable** Yes

**Power**

**Battery** 1x NP-FM500H Rechargeable Lithium-ion Battery Pack, 7.2 VDC, 1650 mAh

**AC Power Adapter** AC-PW10AM (Optional)

**Physical**

**Dimensions (WxHxD)** 5.6 x 4.1 x 3.2" / 142.6 x 104.2 x 80.9 mm excluding protrusions

**Weight** 1.60 lb / 726 g with battery and memory card