

SONY®

Film Scanner UY-S90



The high-speed, high-resolution film scanner from Sony — the UY-S90 — providing high performance and user friendly operation. The perfect partner for creating large image databases.

Features

- High speed scanning of 35 mm and APS film.
- High-quality performance with Automatic Color Compensation.
- Internal JPEG compression.*
- DX code decoding.*

* effective when used with the bundled scanning utility software

- Automatic film loading.
- Compatible with negatives and positives, B/W and color of the following formats:
135 type (35 mm) film (roll / mounted slide / film strip)
AdvancedPhotoSystem (IX240) film (with optional IX240 film carrier)
- Easy setup and simple operation.

Easy-to-use bundled software*

TWAIN driver for Windows 95/98, Windows NT 4.0 and Mac OS 8.0 or later

- Define the frames to be scanned
Blue indicates the frame to be scanned
Gray indicates the frame to be skipped
- The frame position can be shifted



- Adjustment of gray balance
- The color balance and brightness of each frame can be adjusted
- Each frame can be turned on its side

- Skip pre-viewing
- Applies the same adjustment settings to all selected frames

- Adjustment of sharpness
- Adjustment of JPEG compression ratio
- Selectable color look up table (Photo, Publishing and Custom)

- Each frame can be reversed
- Each frame can be turned upside down

Scanning Utility for Windows 95/98, Windows NT 4.0 and Mac OS 8.0 or later

- Save scanned images in user defined image format and directory
- Enables collaboration with the internal JPEG compression (Supported image format: BMP, TIFF, and JPEG)

* The latest driver software is available at the following URL:

<http://www.sony.co.jp/DP-driver-E/>

Specifications

Supported film:	135 type (35 mm) film (roll / mounted slide / film strip) AdvancedPhotoSystem (IX240) film (with optional IX240 film carrier) Accepts negatives, positives, B/W, and color
Scanning method:	One-path scanning with 3-line RGB color CCD
Light source:	Halogen lamp
Scanning size:	135 type film: 23.5 x 35.3 mm (15/16 x 1 7/16 inches) IX240 type film: 15.6 x 27.9 mm (5/8 x 1 1/8 inches)
Maximum resolution:	Approx. 2,212 dpi (135 type), 3,326 dpi (IX240)
Scanning pixels:	

		Thumbnail	LD	SD	HD	UD
135 type (35mm)	Normal	192x128	384x256	768x512	1,536x1,024	3,072x2,048
	Panorama	192x68	384x136	768x272	1,536x544	3,072x1,088
	Slide	176x116	352x232	704x464	1,408x928	2,816x1,856
	Slide Panorama	176x68	352x136	704x272	1,408x544	2,816x1,088
IX240 (APS)	Normal	192x108	456x256	912x512	1,824x1,024	3,648x2,048
	Panorama	192x68	456x160	912x320	1,824x640	3,648x1,280
	Classic	160x108	384x256	768x512	1,536x1,024	3,072x2,048
	APS Slide	144x80	288x160	576x320	1,152x640	2,304x1,280

Scanning time*:			
Film type		135 (36 Ex. Film roll)	IX240 (40 Ex. Film roll)
Pre-scanning time		Approx. 40 s	
Scanning time	LD, SD	Approx. 2.5 s / frame	Approx. 3 s / frame
	HD	Approx. 2.5 s / frame	Approx. 6 s / frame
	UD	Approx. 10 s / frame	Approx. 23 s / frame

*does not include data transfer time

Color depth:	Internal processing: 12 bits per color Output: 8 bits per color
Interface:	SCSI-2 (Half-pitch, pin-type connector)

System requirements:	
For Windows:	Platform PC/AT compatible
OS	Windows 95 / 98, Windows NT 4.0
SCSI host adapter	Adaptec AHA-2940 or 2930 series
Display	SVGA (800 x 600 or higher)
CPU	Pentium processor recommended
RAM	64 MB recommended
For Macintosh*	CPU Power PC
OS	Mac OS 8.0 or later
Display	SVGA (800 x 600 or higher)

* To use Macintosh G3 and G4, one of the following host adapter must be installed:
Adaptec PowerDomain-2940 series or SCSIConnect 2906

Safety regulations:	UL1950, UL122, CSA C22.2 No.950, EN6950
EMC regulations:	FCC Class A, IC Class A
Power requirements:	100 to 120V, 50/60 Hz
Power consumption:	UC: 120 V: 1.2 A max
Dimensions:	438 (W) x 148 (H) x 560 (D) mm (17 1/4 x 5 7/8 x 22 1/8 inches)
Mass:	Approx. 12 kg (26 lb 7 oz)
Supplied accessories:	Halogen lamp (2) Sleeve carrier, Slide carrier AC power cable, Operational manual TWAIN driver and utility software for Windows 95 / 98, Windows NT 4.0 and Mac OS 8.0 or later for PowerPC

Optional accessories:	Film Tray UYA-S77T* IX240 Film Carrier PW1-NSS Sleeve Film Carrier UYA-S77FC Auto Slide Feeder UYA-S90SF** Halogen Lamp MPS-L60
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* supplied for UC models
** will be available soon

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