Digital High Speed Film Scanners

F335 Film Scanner

The F335 High Speed Film Scanner offers world class speed, quality and price all in one!

The F335 is a high quality 16-bit Film Scanner for 35mm (negative, positive, or B&W) or APS. The F335 scans rolls up to forty images, as well as strips down to two frames.

The scanner automatically reads the DX code from 35mm film. Built-in DX code reading means correct frame numbering. Low maintenance via automatic calibration and diagnostics.

Cleaning brushes remove static and dust before film is scanned. Digital ICE™ Technology accurately identifies any other surface defects on film and automatically removes them during scanning processes.

Scanning capabilities at multiple resolutions up to 2000x3000, gives the F335 the flexibility to meet the most demanding output requirements. The patented high-speed scanning technology and efficient work flow management software (one scan equals unlimited outputs) make the F335 an excellent choice!

Unique design and unmatched quality make it an ideal component in the following applications:

- Behind the counter desktop scanners
- Input device for digital Minilab systems
- Input device for Kiosk applications

F335 Film Scanner Computer Requirements:

CPU:	2.4 GHz or higher Intel® Pentium IV or equivalent AMD processor (with MMX instruction support)
Motherboard:	Intel D845GBVL w/ SND/LAN/USB
Memory:	512 MB RAM
Hard Drives:	(1 – 4 GB (min) hard drive capable of 30MB/s sustained data rate. This is to be a dedicated drive for the scan data buffer. If IDE, it must be configured as a primary master or secondary master. 1 – Hard drive to be used for OS, application programs, and/or data storage. If IDE, it must be configured as a primary master or a secondary master.
CD-RW:	Plextor 52/24/52A ATA CD-RW internal drive
OS:	Windows XP or Win 2000.
Data Interface:	USB 2.0 (requires a dedicated port)

F335 Film Scanner Specifications:

A/D Conversion:	16-bits
Output Color Space:	16-bit linear transmittance
Output File Formats:	Planar (RAW), DIB, JPEG, TIFF, EXIF, BMP
Digital ICE™ Technology:	from Applied Science Fiction accurately identifies surface defects on film and automatically removes them during the scanning processes.
Color Correction:	Kodak Image Science
Scanning Software:	Pakon Easy Order Scanning Interface (PSI)
OEM Software Interface:	COM
Operating System:	Windows XP
Interface:	USB 2.0 (Dedicated port recommended)
Light Source:	LED
Power Requirements:	100-240 VAC, 50/60Hz
Dimensions without catch tray	(WxHxD): 12.5 x 13.5 x 11 in. (317 x 343 x 279mm)
Dimensions with catch tray	(WxHxD): 12.5 x 13.5 x 16 in. (317 x 343 x 406mm)
Computer Hardware:	Custom configuration. Contact Pakon for required specifications.
Weight (approx.):	27.6 lbs. (12.5kg)

Resolutions and Throughput

35 mm Images/Hour	**Digital ICE™ OFF**	**Digital ICE™ ON**
1000 X 1500 ppi (4 Base)	—	—
1500 X 2250 ppi (8 Base)	2150	1612
2000 X 3000 ppi (16 Base)	1053	790

APS Advanced Photo System Film	**Digital ICE™ OFF**	**Digital ICE™ ON**
856 X 1500 ppi (4 Base)	2360	1180
1200 X 2100 ppi (8 Base)	1020	510
1714 X 3000 ppi (16 Base)	640	320

33 mm Rolls/Hour*	**Digital ICE™ OFF**	**Digital ICE™ ON**
1000 X 1500 ppi (4 Base)	—	—
1500 X 2500 ppi (8 Base)	86	64
2000 X 3000 ppi (16 Base)	42	32

*24 exposure

Film Types:

35mm and APS Film
Color Negative
Color Reversal Kodachrome
Traditional Black & White
C-41 Black & White (reads optical data)
Cartridge load APS with magnetic code reader available on F335C