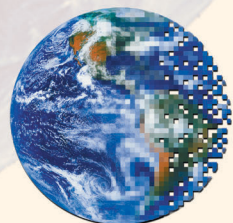


The F235 Plus High Speed Film Scanner offers world class speed, quality and price all in one!



pakon[®]

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The F235 Plus is a high quality 14-bit Film Scanner for 35mm (negative, positive, or B&W) or APS. The F235 Plus 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 F235 Plus 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 F235 Plus 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



F235C Film Scanner Specifications

A/D Conversion: 14-bits

Output Color Space: 14-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 Scanning Interface (PSI)

OEM Software Interface: COM

Operating System: Windows 2000
(future release compatible with Windows XP)

Interface: USB 2.0 (Dedicated port recommended)

Light Bulb: 50-Watt SOLUX Halogen Bulb

Power Requirements: 90-264 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)

Film Types

35mm Film

- Color negative
- Color reversal Kodachrome
- Traditional Black & White
- C-41 Black & White



APS Film

- Reads optical code data
- Reads magnetic code via optional magnetic reader/detacher
- Cartridge load APS with magnetic code reader

Computer Requirements

The F235 Plus Scanner requires a dedicated host system to run properly.

- CPU: Intel P4 2.4B GHz
- Motherboard: Intel ATX 865GBFL with sound and 100/10 ethernet
- Memory: (2) 256 MB PC2700 DDR SDRAM DIMM – Installed for Dual Channel Support
- Hard Drives: (2) 40GB Seagate ST340014A 7200RPM IDE
- CD-RW: Plextor 52/24/52A ATA CD-RW
- OS: Windows 2000
- Data Interface: USB 2.0 (requires a dedicated port)

NOTE: All IDE drives should be master, use SATA converter (for a hard drive) or SATA hard drive or ATA100/ATA133 add-on card.

* To guarantee proper operation of the F235C Scanner, specific host requirements must be met beyond the general outline above. For detailed information on these host requirements, contact Pakon Service and Support at 952-936-4390 / support@pakon.com

Scanner Throughput

Images per hour

35 mm	Digital ICE™ OFF	Digital ICE™ ON
1000 X 1500 ppi (Base 4)	3200	1600
1400 X 2100 ppi (Base 8)	800	500
2000 X 3000 ppi (Base 16)	400	250

APS Advanced Photo System Film	Digital ICE™ OFF	Digital ICE™ ON
856 X 1500 ppi (Base 4)	2400	1200
1200 X 2100 ppi (Base 8)	720	450
1714 X 3000 ppi (Base 16)	360	225

Expand your Conventional Lab to a Full Digital system.

- High Quality to match digital minilabs
- High Speed
- Low cost
- Compact size
- Easy to use software interface
- Low maintenance via automatic calibration and diagnostics
- Patented one pass scanning
- Produces unique thumbnail CDs
- Produces patented Impak Sleeving
- Produces prints up to 8 x 10
- Internet upload ready compatible printers
- Output digital prints to all Win 2000 or network printers
- APS Magnetic Reader option