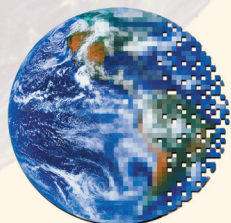


The F235 High Speed Film Scanner offers world class speed, quality and price all in one!



pakon[®]

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The F235 is a high quality 14-bit Film Scanner for 35mm (negative, positive, or B&W) or APS film. The F235 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. Maintenance is minimal due to its automatic calibration and diagnostics.

Kodak DLS Automatic Dust, Dirt and Scratch Removal Software is built-in. You have the ability to turn it on for maximum quality or turn it off for maximum scanning efficiency.

Scanning capabilities at multiple resolutions up to 2000x3000, gives the F235 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 an excellent choice!

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

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



F235 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

Kodak DLS Automatic Dust, Dirt, and Scratch Removal Software

Color Correction: Kodak Image Science

Scanning Software:

Pakon Scanning Interface (PSI) or Kodak DLS

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)

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 available on F235C



Computer Requirements

The F-235 Scanner requires a dedicated host system to run properly.

- CPU: Intel Pentium 4, 1.7GHz
- Motherboard: Intel D845GBVL w/ SND/LAN/USB
- Memory: 384MB PC2100 DDR SDRAM DIMMS
- Hard Drives: (2) 40GB Seagate ST320016A 7200RPM IDE
- CD-RW: Plextor PlexWriter 12/10/32s SCSI CD-RW internal drive
- OS: Windows 2000
- Data Interface: USB 2.0 (requires a dedicated port)

* To guarantee proper operation of the F-235 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	Scratch & Dust OFF	Scratch & Dust ON
1000 X 1500 ppi (Base 4)	1,250	700
1400 X 2100 ppi (Base 8)	800	500
2000 X 3000 ppi (Base 16)	400	250
APS Advanced Photo System Film	Scratch & Dust OFF	Scratch & Dust ON
856 X 1500 ppi (Base 4)	1,125	630
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.

- Prints from digital camera cards
- CD's from film or digital camera card
- Unique patented Impak Sleeving
- Internet upload ready
- High Speed
- High Quality to match digital minilabs
- Low cost
- Stand alone scanner with USB 2 interface
- Easy to use software interface
- APS Magnetic Reader option
- Compact size
- Patented one pass scanning
- Low maintenance via automatic calibration and diagnostics
- Output digital prints to all Win 2000 or network compatible printers