Kodak iQsmart² scanner specification highlights

General Specifications	
Technology	Flatbed CCD scanner, trilinear 10,200-element CCD, XY Stitch scanning technology, inverted CCD
Illumination	Transparent and reflective lamps, cold cathode
Original types	Transparent (positive and negative), reflective, framed slides, line art, printed material
Original thickness	Reflective: unlimited; transparent: 4.5 mm (3/16 in.)
Interface	IEEE 1394
Imaging Specifications	
Maximum resolution	8,200 dpi
Maximum optical resolution	4,300 x 8,200 dpi
Scaling (at 300 dpi)	20%–2,700%
Color depth	48 bits (16-bit color depth)
Maximum density	3.9D
Density range	3.7D
Productivity	Default 50 scans per hour; 85 scans per hour (with optional Extended Workflow kit) Benchmark: 6 × 7 cm, 250% at 300 dpi in Productive Group Scan mode
Scanning area	305 x 457.2 mm (12 x 18 in.)
Output file formats	CT, LW, New LW; EPSF: normal, DCS 2, JPEG compression, CCITT compression; TIFF: RGB, CMYK, JPEG compression, JPEG
Software Requirements	
Macintosh	**Power Macintosh** G4 and G5 computers with one free built-in **FireWire** port, **Mac OS** X (version 10.3.x and 10.4.x), CD-ROM drive (required for software installation). 200 MB RAM for **Kodak** oXYgen Scan software (not including memory for the system software). Minimum 2 GB of free internal hard-disk space. 24-bit color display. Minimum 17-inch color monitor with a display capability of millions of colors.
Windows	**Intel Pentium** III or IV processor with minimum speed of 866 MHz. **Microsoft Windows** 2000 or **Windows** XP with service pack 1 or 2, CD-ROM drive (required for software installation). 256 MB RAM for **Kodak** oXYgen Scan software. 1 GB of free hard-disk space. 24-bit color display. Minimum 17-inch color monitor with a display capability of millions of colors and a resolution of 1024 x 768 pixels. IEEE 1394 interface provided by **Kodak**. Image Color Management (ICM) version 2.0 or later.
Physical Specifications	
Operating environment	Temperature: operating: 16˚ to 27˚C (61˚ to 80˚F), storage: -10˚ to 55˚C (14˚ to 131˚F) Humidity: 40% to 70% relative humidity (non-condensing)
Electrical requirements	Voltage: 100 to 240 VAC, 50 to 60 Hz, automatic voltage selection Power consumption: operating: 65 W, standby: 50 W
Physical characteristics	Size (H x W x D): 240 x 850 x 590 mm (9.4 x 33.5 x 23.2 in.); weight: 35 kg (77 lb)
Standards conformance	FCC, CE, ISO 9002
Training tools	oXYgen Scan software: Application Learning Guide (**Mac** only); oXYgen scanning software training package: Web-based training program, color theory training programs, Quick Reference Guide

To learn more about scanning solutions from Kodak, visit:
graphics.kodak.com/scanners

Produced using **Kodak** technology

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Kodak

Kodak
iQsmart²
Scanner

Exceptional productivity in a high-resolution flatbed scanner

Combine sharp images with high-speed operation to get the most out of your scanning workflow. An outstanding value in its price range, the Kodak iQsmart² scanner gives you the power to capture high-quality digital images for professional results.

Highlights

- High resolution: 8,200 dpi (4,300 dpi optical)
- XY Stitch scanning technology: consistent resolution and sharpness for any size original
- Inverted CCD: improved scanning quality, reliability, and performance
- Kodak oXYgen Scan software: powerful, flexible, and easy to use
- Compatible with both Windows and Mac operating systems

Advanced scanning technologies

The iQsmart² scanner offers a true optical resolution of up to 4,300 dpi from edge to edge. Exclusive XY Stitch scanning technology helps ensure consistent sharpness and resolution regardless of the original's size or where it is placed on the scanning bed.

The inverted charged coupled device, an innovative, downward-facing CCD, dramatically improves scan quality and reliability by preventing fine dust particles from settling on its surface.

Powerful, easy-to-use software for high productivity

Kodak oXYgen Scan software maximizes scanning performance and productivity with a full set of professional image-editing tools, ICC color management, and automation. With an iQsmart² scanner, you can scan up to 96 35-mm slides in one job and run up to 50 scans an hour.* Intuitive, user-friendly presets give you high-quality results quickly—you determine the scan's intended use, and the software sets the parameters accordingly.

Optional scanning enhancements

Oil Mounting Station
Improve the scan quality of cracked or scratched originals by bathing them in scanning oil on a separate mounting station. The Oil Mounting Station is easy to use and can be operated while the scanner begins another job, further saving production time.

Extended Workflow Kit (for Mac computers only)
This add-on enables you to increase productivity from 50 to 85 scans per hour, and to set up images while scanning other originals.

* Benchmark: 6 x 7 cm, 250% at 300 dpi in Productive Group Scan mode

Kodak iQsmart² scanning application features

oXYgen Scan software (Macintosh)

- Full ICC color management
- Rotation
- Auto detection
- Direct scan
- SmartSet function
- Automatic image analysis
- CMYK and RGB scanning modes
- Image editing and proofing tools, including HLS color correction, LS curves, split-screen views, color masks, and unsharp masking (USM)
- Productive Group Scan mode
- Advanced negative end points tool

Extended Workflow kit
Optional

Archive Mode
16-bit RGB TIFF files
16-bit B/W TIFF files

oXYgen LE software (Windows)

- Full ICC color management
- Rotation
- Direct scan
- SmartSet function
- Automatic image analysis
- CMYK and RGB scanning modes
- Image-editing and proofing tools, including HLS color correction, split-screen views, and unsharp masking (USM)

Archive Mode
16-bit RGB TIFF files
16-bit B/W TIFF files