

- CompactFlash™ and CF are trademarks of SanDisk Corporation.
- PENTAX and Optio are trademarks of Asahi Optical Co., Ltd.
- All other brands or product names are trademarks or registered trademarks of their respective companies.
- The USB driver uses software developed by Phoenix Technologies Ltd.
- Compatibility Software Copyright © 1997 Phoenix Technologies Ltd., All rights reserved.
- PRINT Image Matching is a term for the print command that is embedded in the header file of the image created by this digital camera.
- SEIKO EPSON Corporation holds the copyright for PRINT Image Matching Version 1.0.
- Designs and specifications are subject to change without notice.
- It is strongly recommended that you read the entire operation manual before operating this digital camera.

PENTAX®

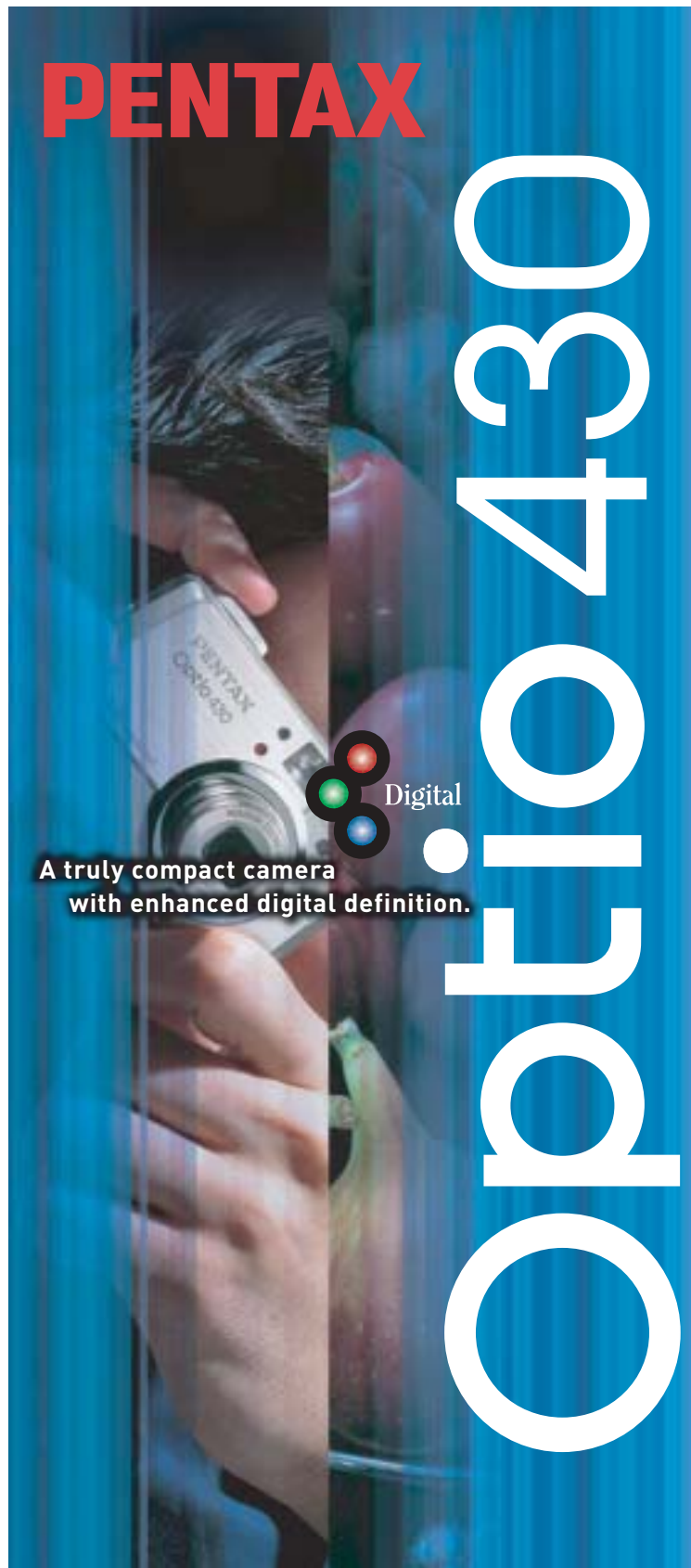
National Sales & Service Headquarters
Pentax Corporation
 35 Inverness Drive East
 Englewood, CO 80112

Post Office Box 6509
 Englewood, CO 80155-6509
 (303) 799-8000

L1299

www.pentaxusa.com

Printed in U.S.A



PENTAX

Optio 430

Digital

**A truly compact camera
with enhanced digital definition.**



**Digital power and performance
in the palm of your hand.**

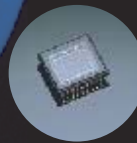


PENTAX presents the Optio430 – a compact digital camera with the power to produce truly satisfying digital images. Its stylish metallic casing feels reassuring in the hand and it achieves a surprisingly effective combination of minimal proportions and operability. Its array of features allows it to adapt to diverse conditions at a touch. The Optio430 also offers impressive 4.0 megapixel recording quality and a 3X optical zoom.



**Excellent handling,
even better quality.**

Compact is a word that understates the Optio430. It is smaller than a conventional pack of playing cards and weighs just 8.5 oz*. Size, however, is no measure of strength, as its slim, shiny exterior holds the power to achieve a surprisingly high level of image quality. This has been made possible by incorporating a powerful 4.13 megapixel 1/1.8 inch primary color CCD and advanced PENTAX image processing technology. The Optio430 also has a high-performance 3X zoom lens (equivalent to 37.5 - 112.5mm in 35mm format), which provides superb compositional versatility. It has been reduced in size through the integration of two dual-sided aspherical elements and a redesigned lens barrel retraction mechanism.



This lens successfully combines impressively high image resolution with a low level of image distortion, to further enhance the performance of this powerful compact camera.

*Weight described above includes battery and recording media.



Superb image quality with 6X zooming (3X Optical and 2X digital zooming).

The Optio430 lets you obtain pleasing results with simple operation. It has a dial which allows all playback and shooting modes to be selected with ease, while its image processing circuit and user-friendly software serve to further enhance overall operability. In short, the Optio430 brings convenience with a new level of quality; it allows fast composition and shooting that produces shots with lasting impact.

Easy view function

This function allows you to view the most recent image taken with a single touch. It can be used at any time, even when in shooting mode.

Alarm clock / World Time function

The Optio430 even has its own alarm clock function. It can be set to display pictures relevant to your schedule at preset times, or to wake you in the morning with a favorite image. More than just a convenient compact digital camera, the Optio430 is now an ideal travel accessory, capable of displaying time in 62 cities across the globe with its World Time function.



High-resolution LCD monitor

Accurate composition and detailed review is made possible with the high-resolution, 1.6 inch monitor. It allows you to avoid parallax error when shooting.

Surprisingly simple operation



CompactFlash™ and USB Mass Storage Class compatibility

The Optio430 brings you the versatility of CompactFlash recording media. This gives you the capacity to store large amounts of images while retaining a high level of digital quality. CompactFlash also allows the Optio430 to transfer images via a USB cable into common PC applications for an almost infinite range of purposes.

*System requirements: PC running Windows 98/2000 Professional/Me or Mac OS 8.6 or higher (installation of the included driver software is required).

The Optio430 can be adapted to shoot in a diverse range of situations just by turning a dial. It allows you to capture the best possible results in various kinds of light, preserving mood and clarity with automatic simplicity.

Metered Manual

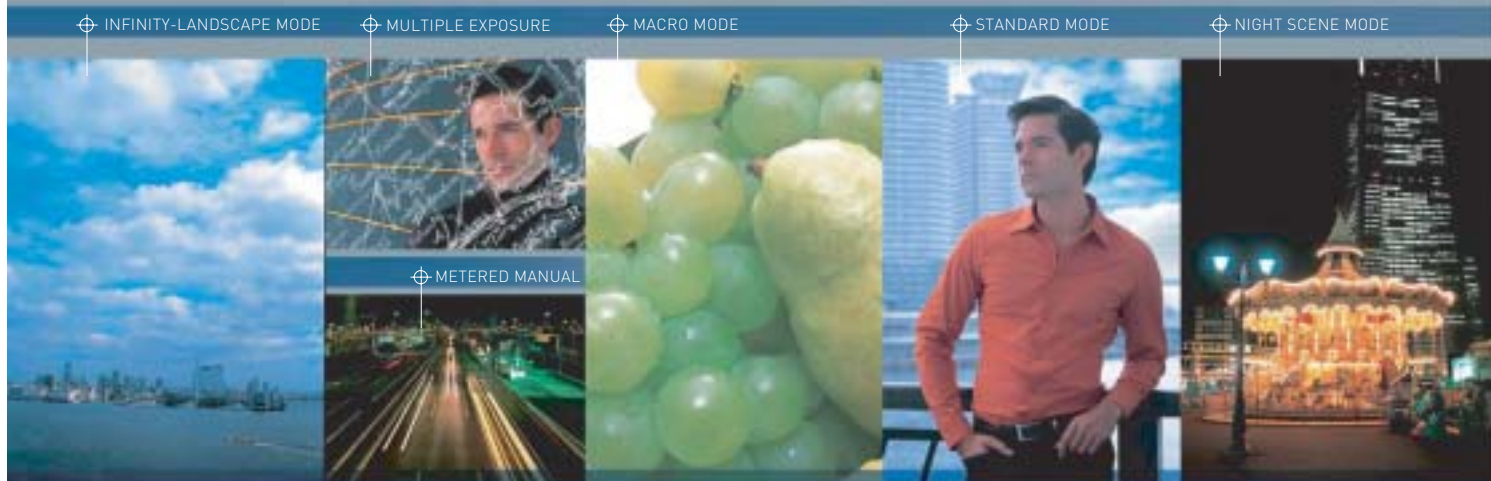
Sometimes the best results can only be achieved by manual operation. Therefore, the Optio430 is equipped with a Metered Manual mode, allowing you to tackle more complicated scenes and produce optimal results.

Movie

Even a movie can be recorded on the Optio430. Clips can be recorded in AVI format with durations of up to 30 seconds at 15 frames/sec. (recorded pixels: 320 x 240 pixels). These can be easily played back on a PC via USB connection.

Macro shooting

Macro shooting mode lets you take a new perspective, shooting small-scale subjects and capturing detail with impact. Shots can be taken as close as 0.46 ft. (0.14m) from the subject when in the wide-angle position.



Shooting modes for a variety of situations.

Infinity-landscape

Ideal for scenery and landscape shots, Infinity-landscape mode gives you the appropriate focus for longer distances and is even effective when shooting through windows.

Multiple exposure

For those who like to get a little more creative with their shooting, the Optio430 allows multiple exposures to be taken on a single frame. Now you can achieve stunning abstract results through the blending of images

Subtle functions that make a significant difference.

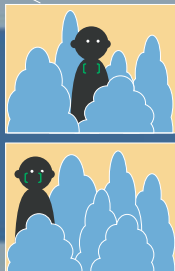
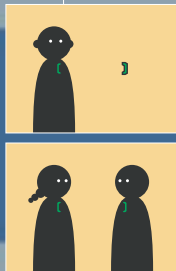
The Optio430 allows you to choose from a range of subtle functions which enhance the finer points of each shot and provide closer control over the outcome.

7-point autofocus

Subjects need no longer be confined to the center of the frame. 7-point autofocus allows you to place your subjects at various places within the frame while retaining sharp focus.

Spot AF

Achieve even greater compositional freedom with spot AF. This handy function allows you to determine the precise point of focus within the frame and dictate exactly where to add or detract emphasis.



Manual focus

Choose the focus you desire with manual focus mode. It allows you to achieve the utmost in sharpness, or experiment with creative focusing

Built-in auto flash

With the Optio430, low light is no impediment to quality shots. It has a range of flash options which include flash-on, flash-off modes, and a red-eye reduction mode*. Night Scene mode also makes use of flash to achieve superb shots.

*The feature does not eliminate "red eyes" in all instances.

White Balance Modes

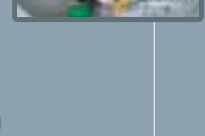
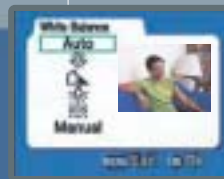
The Optio430 features Auto White Balance, which maintains truer color and lends a natural feel to images taken in different kinds of light. There are also modes for Daylight, Shade, Tungsten Light, and Fluorescent Light to choose from, as well as the Manual setting.

Exposure control

Exposure compensation is available with the Optio430, allowing adjustment across a range of $\pm 2\text{EV}$ in $1/3\text{EV}$ steps.

Metering

A choice of Multi-segment metering, Center-weighted metering, and Spot metering allows more suitable exposures to be selected, whatever the conditions.



Histogram display

Exposure levels can be easily viewed in histogram format during shooting and playback. This allows levels to be checked with more accuracy than when using the LCD monitor alone.

Additional features for further convenience

Additional features provide even greater versatility and a higher level of convenience.

Optical viewfinder

The actual-image viewfinder allows you to compose shots with accuracy. It also offers diopter adjustment from -3m^{-1} to $+1\text{m}^{-1}$, supporting even easier focusing.

Self-timer / Remote control

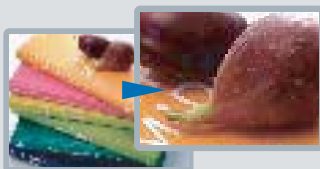
The self-timer function allows camera shake to be avoided during long exposures, and group shots to be taken while including yourself in the picture. A remote control is even available as an option, which also allows zoom operation.

Nine-image display / Zoom display

Search for and find images in significantly less time, thanks to the nine-image display screen. The LCD screen also allows individual images to be viewed with 4X magnification, allowing you to check closely for focus and detail.



Nine-image display



Zoom display

Video output

Simple connection to a video cable allows images to be viewed on conventional and wide-screen TVs. The Optio430 is also compatible with LCD projectors, and can be set to play a simple slide show, which is ideal for entertainment purposes and business presentations alike.

Power sources

The Optio430 can be powered by its own exclusive rechargeable lithium-ion battery. It can also be operated using an optional AC adapter.

DPOF compatibility

Following a simple setup procedure, the Optio430 can be used with DPOF-compatible printers.* This provides you with control over the number of printouts and the date function. It even allows you to crop prints exactly as you wish.

*Some printers may not support the above functions. Please consult the supplier of your printer for more information.

Mode memory

Mode memory function allows a desired combination of camera settings to be saved. The next time the power is switched on, these settings are automatically resumed.

PRINT Image Matching™ compatibility

PRINT Image Matching allows a closer link between camera and printer. In short, this realizes a greater level of control for finished prints that bear a markedly closer resemblance to the desired results.



Color, black & white, and sepia modes

Color mode provides endless creative opportunities. The Optio430 also allows you to shift from color shooting to produce classic black & white images, or even choose sepia for a change in mood.



Color



Black & white



Sepia

ACDSee™

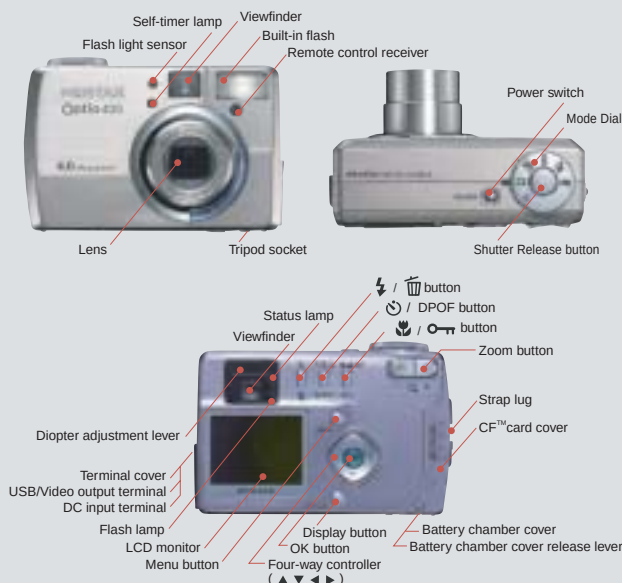
The Optio430 comes with ACDSee. This convenient application can be easily installed on a PC* to allow the viewing of pictures, conversion of graphics, and sharing of images with speed and ease. It provides your digital photography with more options and even offers simple thumbnail display and album creation. ACDSee even has a setting for the display of Exif data and can show shooting data for added convenience

*System requirements: PC running Windows 98/2000 Professional/Me or Mac OS 8.6 or later.

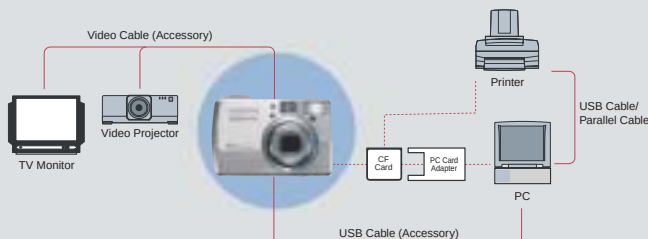


Additional features for further convenience.

Nomenclature



System Chart



Accessories

Included

- Strap
- Rechargeable Lithium-ion Battery
- Battery Charger
- AC Plug Cord
- Video Cable
- USB Cable
- Software (CD-ROM)

Sold separately

- AC Adapter Kit
- Remote Control E (with zooming capability)
- Remote Control F
- Soft Case PTX - L50 Leather Case

Type	Compact-type digital still camera with built-in zoom lens, autofocus, auto exposure and auto flash.																			
Effective Pixels	4.0 megapixel																			
Sensor	4,13 megapixel (total pixels)1/1.8 inch interline transfer CCD with a primary color filter.																			
Color Depth	10 bit × 3 colors																			
Recorded Pixels	Still – 2240 × 1680 pixels 1120 × 840 pixels 640 × 480 pixels																			
Sensitivity	Movie – 320 × 240 pixels Auto, fixed (equivalent to ISO 100, 200)																			
File Formats	Still –JPEG (Exif 2.1), DCF, DPOF Movie – AVI (Open DML Motion JPEG Format) 15 fps																			
Quality Levels	"Good", "Better", "Best"																			
Storage Media	CompactFlash (CF) card Type I																			
Image Storage Capacity	Exposure capacity when using 16MB CF card. <table><tr><td>Recorded Pixels</td><td>Good</td><td>Better</td><td>Best</td></tr><tr><td>2240 × 1680</td><td>16</td><td>11</td><td>5</td></tr><tr><td>1120 × 840</td><td>64</td><td>32</td><td>22</td></tr><tr><td>640 × 480</td><td>200</td><td>106</td><td>64</td></tr></table>				Recorded Pixels	Good	Better	Best	2240 × 1680	16	11	5	1120 × 840	64	32	22	640 × 480	200	106	64
Recorded Pixels	Good	Better	Best																	
2240 × 1680	16	11	5																	
1120 × 840	64	32	22																	
640 × 480	200	106	64																	
Lens	Pentax power zoom 7.6mm -22.8mm (Equivalent to 37.5mm -112.5mm in 35mm format) f/2.6-f/4.8, 7 elements in 6 groups (2 dual-sided aspherical elements)																			
Digital Zoom	1X-2X																			
Focusing System	Type TTL contrast detection autofocus system Manual focus/Infinity-landscape mode available.																			
Focusing Areas	7-point autofocus and Spot.																			
Focusing Range	Autofocus: Normal 1.31 ft. (0.4m) to infinity Macro 0.46 ft. (0.14m) to 1.64 ft. (0.5m) Manual focus: 0.46 ft. (0.14m) to infinity																			
Exposure Control	Metering System TTL metering: Multi-segment metering, Center-weighted metering, Spot metering																			
Exposure Modes	Standard, Night Scene, Metered Manual, Movie, multiple exposure																			
Exposure Compensation	±2 EV (1/3 steps)																			
Movie	Shooting time: approx. 1 sec.-30 sec.																			
Shutter	Programmed AE electronic lens shutter with CCD electronic shutter. Shutter speed: approx. 1/2000 sec. to 2 sec.																			
Drive Modes	One shot, Continuous, Self-timer, Remote control (optional)																			
Flash	Built-in series-control auto flash. Automatic discharge under low light conditions in auto modes Flash-on, flash-off modes "Red-eye" reduction function employs a single discharge.																			
White Balance	Auto, Daylight, Shade, Tungsten Light, Fluorescent Light, Manual setting																			
Color Modes	Color, black & white, sepia																			
Optical Viewfinder	Actual-image zoom viewfinder with diopter adjustment from -3m ⁻¹ to +1m ⁻¹ .																			
LCD Monitor	1.6 inch, TFT color LCD																			
LCD Function	Nine-image and 1X-4X magnification available in playback mode.																			
Interfaces	TV output terminal, USB terminal, DC input terminal																			
Video Output	Compatible with NTSC and PAL formats.																			
Power Sources	Lithium-ion (rechargeable) battery allows 130 shots to be taken with one charge*. Optional AC adapter also available. *According to tests conducted in-house by Pentax. Maximum charge takes approximately 120 minutes.																			
Dimensions	3.6 × 2.3 × 1.2 inches (D: max 1.4 inches), 92(W) × 59(H) × 31(D)mm (D: max 34.5mm)																			
Weight	8.5 oz. (240g) loaded and ready. 7.2 oz. (205g) without battery and CF card.																			