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- 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.

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PENTAX

Optio 330



**The compact digital
camera with big potential.**

Compact dimensions without compromise.



The Optio 330 achieves superb image quality and offers versatile 6X zooming (3X optical and 2X digital zooming).



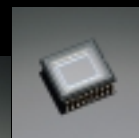
There are cameras with compact dimensions and there are cameras with extensive capabilities, but there are few that combine both elements without compromise. The Optio 330 from PENTAX employs a revolutionary design that makes it smaller than a conventional pack of playing cards, and it weighs in at a mere 8.5oz.*

It features a high-performance 3X zoom lens (equivalent to 37-111mm in 35mm format), which delivers high image resolution, low image

The 3X zoom lens squeezes high-level performance into a smaller space.



distortion, and occupies minimal space due to the use of two dual-sided aspherical elements and a newly designed lens barrel retraction mechanism. The Optio 330 also ensures pristine image recording quality with a 3.34 megapixel 1/1.8 inch, primary color filter CCD and advanced image processing technology.



*Weight described above includes battery and recording media.



Operation of the Optio 330 is simple and stress free. Shooting and playback modes can be selected with the turn of a dial, and the camera features a newly developed image processing circuit and user-friendly software. The Optio 330 also has a variety of other features that enhance user convenience. Simply select your settings, point, and shoot.

EASY VIEW FUNCTION

This handy function allows the most recent image to be displayed on the screen at any time. It can even be used while in shooting mode.

PRECISION LCD MONITOR

The high resolution, 1.6-inch LCD monitor is ideal for composing and reviewing shots. It provides increased accuracy and helps to avoid parallax error.

LCD image shown on the left is simulated.

ALARM CLOCK / WORLD TIME FUNCTION

Because the Optio 330 is so compact that it can be carried at all times, PENTAX has added an alarm clock to its collection of functions. It can be set to display the face of a loved one when you wake up, or remind you of your schedule by displaying relevant pictures. The clock also comes complete with a world time function, which is capable of displaying the time in 62 cities across the globe.

Simple, stress-free operation
for enhanced user convenience.

CompactFlash™ AND USB MASS STORAGE CLASS COMPATIBILITY

The Optio 330 uses CompactFlash as its recording media. This allows the simple storage of a multitude of images with accurate, digital quality. Photographic data can also be transmitted from the Optio 330 to a PC* via USB cable, which allows image data to be imported into common PC applications.

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



STANDARD MODE



Not only is the Optio 330 equipped with modes for standard shooting and various night scenes, it also features an array of shooting modes for a multitude of other occasions and circumstances. Each can be selected with the simple turn of a dial for better exposure, more fitting mood, and greater all-round versatility.

METERED MANUAL

Metered manual gives you the power to take pleasing shots in more complex situations. There is also a noise reduction function which activates when the shutter speed exceeds one second.

MOVIE

For action shots, the Optio 330 offers the expressive power of video. It allows clips to be recorded in AVI format with durations of up to 30 seconds at 15 frames/sec (recording pixels: 320 x 240 pixels), which can be easily played back on PC via USB connection.

MACRO SHOOTING MODE

Macro shooting mode can be used as close as 0.46ft. (0.14m) from the subject when in the wide-angle position. It allows you to fill the frame with small-scale objects, achieving greater detail and heightened impact.

INFINITY-LANDSCAPE MODE

Infinity-landscape mode instantly gives you appropriate focusing for landscape and scenery shots. It also ensures pleasing results when shooting through windows.

MULTIPLE EXPOSURE

Add a touch more creativity by taking multiple exposures on a single frame. Make the same person appear twice in a shot, or combine different colorful scenes for abstract results.



MULTIPLE EXPOSURE



NIGHT SCENE MODE



METERED MANUAL

An array of versatile shooting modes.



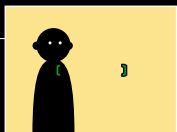
MACRO MODE



INFINITY-LANDSCAPE MODE

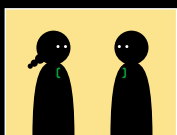
Features for accurate expression.

Not only does the Optio 330 possess shooting functions that suit a variety of conditions, it also has additional functions which add a subtle, yet noticeable improvement to the quality of each shot.



7-POINT AUTOFOCUS

7-point autofocus negates the need for subjects to remain in the center of the frame and allows them to stay in focus while occupying different areas of the shot.



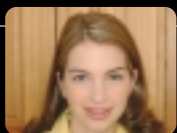
SPOT AF

This handy feature allows the user to move the point of focus within the shot and realize new capabilities in composition. Now the subject can be located anywhere within the frame and visual impact can be added by taking the focal emphasis away from other areas.



MANUAL FOCUS

This function provides a greater degree of control over the shot, allowing the user to focus exactly as desired.



BUILT-IN AUTO FLASH

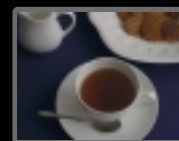
A range of flash options offer versatility in low light. Choose from flash-on, flash-off modes, and red-eye reduction mode*.

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

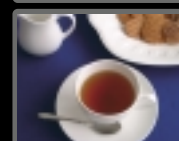


A SELECTION OF WHITE BALANCE MODES

As there are many kinds of light, PENTAX offers various white balance settings. In addition to Auto, the Optio 330 features settings for Daylight, Shade, Tungsten Light, and Fluorescent Light. There is also a Manual setting that allows you to maintain color as you please.



-1EV



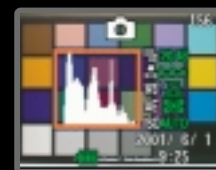
+1EV

EXPOSURE CONTROL

The Optio 330 offers exposure compensation across a range of $\pm 2\text{EV}$ in $1/3\text{EV}$ steps.

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.



METERING SYSTEM

A choice of metering modes assist in achieving appropriate exposure, more of the time. Choose from Multi-segment metering, Center-weighted metering, and Spot-metering.

Further functions for creative convenience.

A range of other useful functions add versatility and enhance the user experience.

OPTICAL VIEWFINDER

Framing accuracy can be easily accomplished with the actual-image zoom viewfinder. It also features diopter adjustment from -3m^{-1} to $+1\text{m}^{-1}$.

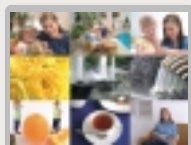
REMOTE CONTROL / SELF-TIMER

The self-timer function can be used to assist when taking long exposures. It also allows you to get in the frame when taking group shots. A remote control is also available, which even allows zoom operation.*

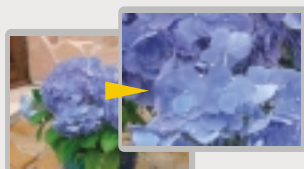
* Optional remote control required.

NINE-IMAGE DISPLAY / ZOOM DISPLAY

The search for recorded images is significantly speeded up with use of the nine-image display screen. It is also possible to zoom in on individual images with 4X magnification to check for focus and small details.



Nine-image Display



Zoom Display

VIDEO OUTPUT

Images can be viewed on your TV screen via connection with the optional video cable, and the Optio 330 can also be set to play a simple slide show. It can even be used in combination with a wide-screen TV or LCD projector for effective presentations or a variety of other purposes.

POWER SOURCES

The Optio 330 can be powered by its own exclusive rechargeable lithium-ion battery. It can also be operated using an optional AC adapter.

DPOF FUNCTION

When using DPOF compatible printers* the Optio 330 allows the user to select the number of printouts and control the date function. The convenience of DPOF also allows the user to crop each print as desired.

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

MODE MEMORY FUNCTION

A combination of camera settings can be saved with this convenient function. It allows you to select settings as you desire and return to them automatically when the power is switched off and on again.

COMPATIBLE WITH PRINT Image Matching™

With conventional digital cameras there was often a discrepancy between the intended image and the finished print. PRINT Image Matching™ rectifies this occurrence through a closer link between camera and printer. It gives the camera greater control over the quality of output and results in significantly improved prints.



COLOR MODE

Create shots with a little more style using the color mode. In addition to color shooting, it allows the classic mood of black & white shooting, and the vintage feel of sepia.



Color



Black & white



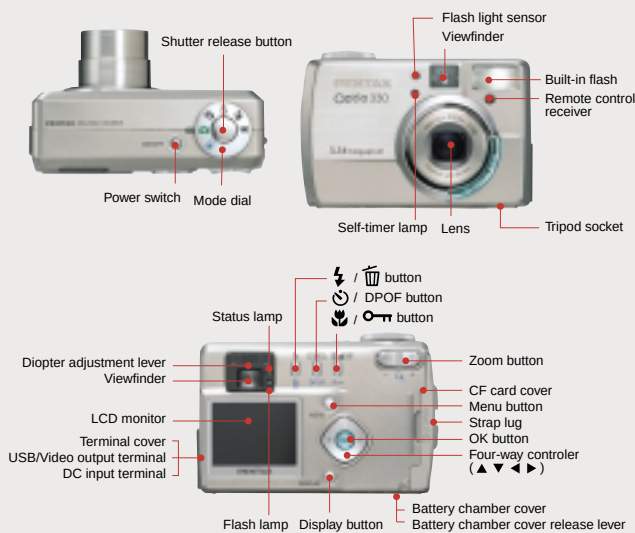
Sepia

ACDSee™

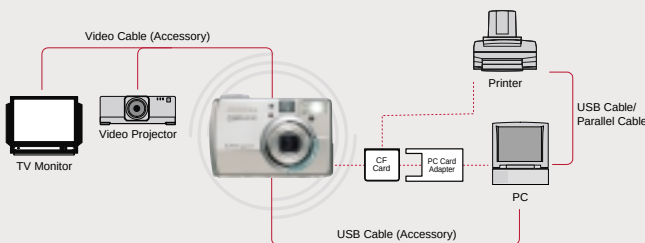
The Optio 330 includes ACDSee™ software-- the speedy picture viewer, graphic converter, and image sharing tool. It adds more versatility to your digital photography and has a selection of useful functions including thumbnail display and album creation. ACDSee™ even has a setting for the display of Exif (Exchangeable Image File) information, which assists in the easy management of data.



NOMENCLATURE



SYSTEM CHART



ACCESSORIES

Included	Sold Separately
• Strap • Rechargeable Lithium-ion Battery • Battery Charger • AC Plug Cord • Video Cable • USB Cable • Software (CD-ROM) • 16MB Lexar CompactFlash® Card	• AC Adapter Kit • Remote Control E (with zooming capability) • Remote Control F • Soft Leather Case PTX-L50

SPECIFICATIONS

Type	Compact-type digital still camera with built-in zoom lens, autofocus, auto exposure and auto flash.			
Sensor	3.34 megapixel (total pixels) (effective pixels: 3.24 megapixel), 1/1.8 inch interline transfer CCD with a primary color filter.			
Color Depth	10 bit x 3 colors.			
Recording Pixels	2048 x 1536 pixels, 1024 x 768 pixels, 640 x 480 pixels.			
Sensitivity	Auto, fixed (equivalent to ISO 100, 200).			
File Formats	Still - JPEG (Exif 2.1), DCF, DPOF. Movie - AVI (Open DML Motion JPEG Format)			
Quality Levels	"Good", "Better", "Best".			
Storage Media	CompactFlash™ (CF™) card Type I			
Image Storage Capacity	Exposure capacity when using 16MB CF card.			
	Recording Pixels	Good	Better	Best
	2048x1536	26	13	10
	1024x768	94	53	40
	640x480	228	160	106
Lens	Pentax power zoom 7.6mm-22.8mm (equivalent to 37mm-111mm in 35mm format) f/2.6-f/4.8, 7 elements in 6 groups (2 dual-sided aspherical elements).			
Focusing System	TTL contrast detection autofocus system.			
Type	Manual focus/Infinity-landscape mode available.			
Focusing Areas	7-point autofocus and spot.			
Focusing Range	Autofocus: Normal 1.31ft. (0.4m) to infinity. Macro 0.46ft. (0.14m) to 1.64ft. (0.5m). Manual focus: 0.46ft. (0.14m) to infinity.			
Exposure Control	TTL metering. Choice of Multi-segment metering, Center-weighted metering and Spot metering.			
Metering System	Standard, Night Scene, Metered Manual, Movie, multiple exposure.			
Exposure Modes	±2 EV (1/3 steps).			
Exposure Compensation	Shooting time: approx. 1-30 sec.			
Movie	Programmed AE electronic lens shutter with CCD electronic shutter.			
Shutter	Shutter speed: approx. 1/2000 sec to 15 sec.			
Drive Modes	One shot, Continuous, Self-timer, and Remote control.			
Flash	Built-in series-control auto flash. Automatic discharge in low lighting condition in auto modes. Flash-on and flash-off modes. "Red-eye" reduction function employs a single discharge.			
White Balance	Auto, Daylight, Shade, Tungsten Light, Fluorescent Light and Manual setting			
Color Modes	Color, black & white and sepia.			
Digital Zoom	Shooting 1X-2X, Playback 1X-4X			
Optical Viewfinder	Actual-image zoom viewfinder with diopter adjustment from -3m ⁻¹ to +1m ⁻¹ .			
LCD Monitor	1.6 inch, TFT color LCD.			
Interfaces	TV output terminal (NTSC/PAL), USB terminal, and DC input terminal.			
Power Sources	Lithium-ion battery (rechargeable) or AC adapter (optional).			
Dimensions	3.6 (W) x 2.3 (H) x 1.2(D)inches (D; max 1.4 inches) (92 x 59 x 31/34.5mm).			
Weight	7.2 oz. (205g) without battery and CF card.			