

# OLYMPUS

THE VISIBLE DIFFERENCE

## CAMERA

C-3030ZOOM

Digital Compact Zoom Camera



## 3.3 MEGAPIXELS, TRUE CAMERA OPERABILITY





Image Taken with the CAMEDIA C-3030ZOOM (2048 x 1536 Pixels / Super High Quality mode / TIFF)

**T**he CAMEDIA C-3030ZOOM has what it takes to deliver realistic, high-quality images and stimulate your creativity: a 3.3 megapixel CCD, precision 3X optical zoom lens backed by Olympus' history of creating superior optics, and a multitude of finely-adjustable settings such as exposure which can be precisely controlled as desired. And its compact & lightweight\* black aluminium-alloy body features a large, round grip for steady holding. As easy to use as a film camera, the CAMEDIA C-3030ZOOM captures genuinely high-resolution digital images like no other digital camera.

\* Width: 109.5mm / Weight: 300g without batteries.

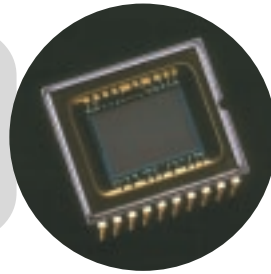


# SELECTED FEATURES, EXCLUSIVELY FOR SELECTIVE EYES

## 3.3 Megapixel CCD & 3X Optical Zoom Lens

The ideal combination of a large 1/1.8 inch, 3.3 megapixel CCD and bright F2.8, 6.5~19.5mm\* 3X optical zoom lens capture images more vividly than ever before. Freely adjustable 1 to 2.5X Digital Zoom enables up to 7.5X\*\* telephoto shooting. In addition to the accurate iESP (Intelligent Electro-Selective Pattern) autofocus, manual focusing is possible within 160 steps. \* Equivalent to 32~96mm on a 35mm camera. \*\* When used with the 3X optical zoom.

# CCD



# Zoom



6.5mm



13mm



19.5mm



19.5mm with 2.5X Digital Zoom

## Viewfinder

### Viewfinder with Dioptric Correction

Framing is easy with the Optical Real-Image Zoom Viewfinder. Adjustable dioptric correction is also incorporated.



## LCD Monitor

### Easy-to-See, Wide-Angle LCD Monitor

The wide-angle low-temperature polysilicon TFT colour LCD monitor lets you observe images easily from any angle. You can also view 4, 9 or 16 frames simultaneously with Index Display or magnify an image with Close-Up Display.



### 3 Auto & Manual Exposure Modes

Aperture-Priority AE utilises the F2.8 aperture to capture blurred backgrounds. Shutter-Priority AE allows you to set the shutter speed to up to 1/800th of a second. With Program AE, the camera automatically detects the optimum aperture and shutter speed, while Manual Exposure allows you to set the aperture and shutter speed to as long as 16 seconds. The aperture level and shutter speed are displayed on the LCD monitor.



Aperture-Priority AE (f2.8)



Shutter-Priority AE (1/800 sec.)



Manual Exposure (f11, 4 sec.)

### Digital ESP Light Metering & Spot Metering

Digital ESP (Electro-Selective Pattern) Light Metering provides the right exposure under difficult lighting conditions. Spot Metering lets you attain more precise exposure, and can be easily selected using the SPOT Select button.



Digital ESP Light Metering



Conventional Light Metering



# Exposure



### Arrow-Key Buttons

Various settings such as shutter speed, aperture and exposure compensation can easily be done with arrow-key buttons, making it easy and quick to set as preferred.

# Arrow-Key Buttons

# Quick Shooting

### Quick Sequence Shooting

Up to 5 shots can be taken in a row at about 3.1 frames per second in all modes except TIFF. In addition, autofocus can be engaged simultaneously.

## Exposure Compensation & Auto Bracketting

±2 compensation in 1/3 stops is possible. With Auto Exposure Bracketting, images can be taken sequentially with 3 or 5 different exposures in ±1/3, ±2/3 or 1 stops within ±2. You can then select frames to store and erase.



Without Exposure Compensation



With Exposure Compensation (-1 2/3)

## Auto & Preset White Balance Settings

iESP (Intelligent Electro-Selective Pattern) Auto White Balance Setting enables shooting with appropriate white balance. In addition, the white balance can be preset for daylight, overcast, tungsten and fluorescent light.



Tungsten Setting under Tungsten Light



Daylight Setting under Tungsten Light

## Versatile Flash Functions for Perfect Lighting

The intelligent variable-power flash is incorporated, with Auto, Red-Eye Reducing, Fill-In and Flash Off modes. Manual flash exposure compensation is also available, as is Slow Synchronisation.

With the optional powerful FL-40 Flash Unit\*, flash output is controlled optimally and flash coverage is automatically adjusted with changes in zooming.



FL-40

\* Requires the FL-BK01 Exclusive Grip for connection.



With the FL-40 Flash Unit (Bounce)

## Variety of Image Sizes

2048 x 1536, 1600 x 1200, 1280 x 960, 1024 x 768 or 640 x 480 pixels are available. TIFF (Non-Compression), Low-Compression or High-Compression can be selected for each image size.

## Auto & Preset Sensitivity Settings

Sensitivity can be set to Auto, as well as approx. ISO100, ISO200 or ISO400. ISO400 is appropriate for shooting in low light without a flash.

## 2 Sharpness Settings

You can select Normal or Soft sharpness. The soft setting is ideal for processing images on a computer.

## Motion JPEG Image & Sound\* Recording

With a standard 16MB SmartMedia card, Motion JPEG image & sound recording for up to 46 seconds in HQ mode (320 x 240 pixels) and 191 seconds in SQ mode (160 x 120) is possible. You can also record up to 4 seconds of sound when shooting still images.

\* Sound is recorded in Wave format.

## Picture Effects

Black & White, Sepia, White Board or Black Board can be selected, giving you greater control over image style. With White Board and Black Board mode, pictures of letters can be taken extra-clearly.

## Remote Control Unit

The RM-1 remote control unit is included as standard.



RM-1

# Transfer

## USB Terminal for Fast Transfer to a PC

The CAMELIA C-3030ZOOM has a USB terminal\* for much faster data transfer to a PC equipped with a USB port. Images can also be transferred using the provided software, and the USB SmartMedia Reader/Writer, FlashPath or PC Card Adaptor are also optionally available.

\* A USB cable is provided.



## Ultra-Slim SmartMedia Card

Images are saved to up to 64MB SmartMedia\* cards, making it convenient to carry and store.

\* Optional

## Audio & Video Output

Both image & sound can be output on TV using the provided AV cable.



## CAMERA C-3030ZOOM Digital Camera Specifications

Recording system	Still image : TIFF/JPEG with DCF (Design rule for Camera File system) and DPOF (Digital Print Order Format) support Motion JPEG image : QuickTime Motion JPEG support Audio : Wave format support
Memory	3V (3.3V) SmartMedia 2MB, 4MB, 8MB, 16MB, 32MB, 64MB
No. of storable pictures (When using a 16MB SmartMedia)	Approx. 1 ~ 17 shots (TIFF mode) Approx. 6 shots (Super High Quality mode) Approx. 20 shots (High Quality mode) Approx. 11 ~ 49 shots (Standard Quality mode 1) Approx. 26 ~ 165 shots (Standard Quality mode 2)
Image pickup element	1/1.8 inch CCD, 3,340,000 pixels (total)
Recording image	2048 x 1536 pixels (TIFF/SHQ/HQ), 1600 x 1200 pixels (TIFF/SQ1), 1280 x 960 pixels (TIFF/SQ1), 1024 x 768 pixels (TIFF/SQ2), 640 x 480 pixels (TIFF/SQ2)
Lens	Olympus lens 6.5 ~ 19.5mm, F2.8, 8 elements in 6 groups (equivalent to 32 ~ 96mm lens on 35mm camera)
Digital Zoom mode	1 ~ 2.5X (Up to 7.5X with 3X optical zoom, excluding TIFF modes)
Photometric system	Digital ESP metering system, Spot metering system
Sensitivity	Auto, and settings equivalent to approx. ISO 100, 200 and 400
Exposure control	Programmed Auto, Aperture-priority and Shutter-priority exposure modes Aperture-priority : Wide ; F2.8 ~ 11.0 / Tele ; F2.8 ~ 11.0 Shutter-priority : 1 ~ 1/800 sec. (used with mechanical shutter) Manual exposure mode : 16 ~ 1/800 sec. Motion JPEG Image mode : 1/30 ~ 1/10,000 sec.
Focusing	Autofocus : 80cm ~ ∞, 20cm ~ 80cm (Macro mode) Manual focus : 20cm ~ ∞ (160 steps)
White balance	IESP full auto TTL, Preset (daylight, overcast, tungsten and fluorescent light)
Picture effects	Black & White, Sepia, White Board or Black Board
Sequence mode	Up to 5 shots can be taken in sequence at 3.1 frames per second (excluding TIFF modes)
Viewfinder	Optical real-image zoom viewfinder, LCD monitor
LCD monitor	4.5cm wide-angle colour TFT LCD display, approx. 114,000 pixels
Charging time for flash	Approx. 6 sec. (at normal temperature with new batteries)
Flash working range	Wide : Approx. 80cm ~ 3.8m / Tele : Approx. 20cm ~ 3.8m (ISO100)
Flash modes	Auto (automatic flash activation in low light and backlight), Red-Eye Reducing, Off (no flash), Fill-In (forced activation), Slow Synchronisation, Extension Flash
Selftimer	Electronic Selftimer with 12-sec. delay
Outer connectors	AC adaptor connector, Exclusive USB connector, Computer connector (RS-232C), AV output connector, Extension flash connector
Calendar system	Up to 2030, recorded with picture data simultaneously
Operating environment	Temperature : 0 ~ 40°C (operation), -20 ~ 60°C (storage) Humidity : 30 ~ 90% (operation), 10 ~ 90% (storage)
Power supply	Two 3V lithium battery packs (CR-V3) or four AA nickel metal-hydrate batteries, AA lithium batteries, AA alkaline batteries or AA NiCd batteries. (Do not use manganese batteries.) Exclusive AC adaptor (optional)
Dimensions	109.5 (W) x 76.4 (H) x 66.4 (D) mm
Weight	300g (without batteries/card)

Personal computers used with the C-3030ZOOM must conform to the following minimum standards.

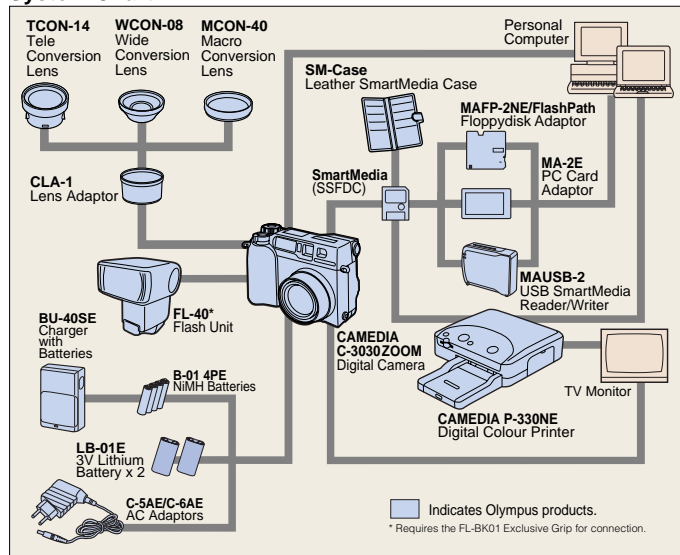
<b>IBM PC/AT compatible</b>	
CPU	Pentium or later
Operating system	Windows 98/95 or Windows NT 4.0, CD-ROM drive
Minimum hard disk free space	45MB
Minimum RAM	16MB (Windows 98/95), 24MB (NT 4.0)
Connectors	USB port or standard RS-232C interface (D-SUB 9-pin)
Monitor	Minimum 256 colours, minimum 640 x 480 pixels

\* When used with a Macintosh with a serial port, the optional transfer connector for Macintosh is required.

## CAMERA P-330NE Digital Colour Printer Specifications

Printing system	Sublimation dye transfer printing (Yellow/Magenta/Cyan 3-pass)
Effective pixels	1024 (V) x 1376 (H) dots
Printing size	85 (V) x 114 (H) mm (maximum)
Gradations	256 levels (8 bits), approx. 16,770,000 colours
Printing time	Approx. 100 seconds per sheet (excluding data transmission time)
Input/output connectors	VIDEO IN, S-VIDEO IN, VIDEO OUT, Centronics Parallel Interface, Mini DIN 8-pin Serial Interface port
Print paper (60 sheets. 100x140mm)	Standard Paper (P-60NE), Laminated Paper (P-60NOCE), Label Set (P-60NS1E), Label Set (16 labels per sheet) (P-60NS16E)
Power requirements	220 ~ 240V AC, 50/60Hz, 0.6A
Operating environment	Temperature : 5°C ~ 35°C, Humidity : 20% ~ 80%
Dimensions	Approx. 274 (W) x 83 (H) x 362 (D) mm (excluding protruding parts)
Weight	Approx. 2.7kg

## System Chart



## Optional Accessories

 <b>3V (3.3V) SmartMedia/Standard Card</b> Compact and removable memory card for storage convenience that also lets you make panorama pictures with the provided utility software. 8MB (M-8PE), 16MB (M-16PE), 32MB (M-32PE), 64MB (M-64PE)	 <b>FL-40 Flash Unit</b> High-power flash with a guide number of 40 for TELE, 26 for WIDE.
 Panorama Function	 <b>MAFP-2NE/FlashPath Floppydisk Adaptor</b> For easy reading of data in a SmartMedia on a computer with a 3.5" FDD.
 <b>MA-2E PC Card Adaptor</b> For quick reading of data in a SmartMedia on a computer with a PC card slot.	 <b>CLA-1 Lens Adaptor</b> Required for attaching TCON-14, WCON-08 or MCON-40 to the camera.
 <b>MAUSB-2 USB SmartMedia Reader/Writer</b> For quick reading of data in a SmartMedia on a computer with a USB port.	 <b>TCON-14 Tele Conversion Lens</b> Magnifies the focal length by 1.45 times.
 <b>C-5AE/C-6AE AC Adaptors</b> For extended use of the camera.	 <b>WCON-08 Wide Conversion Lens</b> Shortens the focal length by 0.8 times.
 <b>B-01 4PE NiMH Batteries</b> 4 rechargeable nickel metal-hydrate batteries.	 <b>MCON-40 Macro Conversion Lens</b> Enables close-ups of an area as small as 51 x 38mm.
 <b>BU-40SE Charger with Batteries</b> Battery charger with 4 rechargeable nickel metal-hydrate batteries.	 <b>P-330NE Digital Colour Printer</b> 306-dpi full colour printer with SmartMedia slot.
 <b>LB-01E 3V Lithium Battery</b> Powerful, long-life battery for taking an extended number of shots.	 <b>Paper Sets Paper for P-330E/P-330NE</b> Standard Paper (P-60NE) Laminated Paper (P-60NOCE) Label Set (P-60NS1E) Label Set (16 labels per sheet) (P-60NS16E)
 <b>SM-Case Leather Case</b> Holds 8 SmartMedia cards.	<b>Premium Glossy Inkjet Photo Media</b> Printing paper for inkjet printers that features minimum colour bleeding and is quick-drying. A4/10 sheets (MP-10IJ4E) A3/10 sheets (MP-10IJ3E)

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