

PENTAX Digital Cameras

Optio V20

Code No. Optio V20	SILVER	17194
Barcode	027075141049	
Code No. Optio V2	BLACK	17212
Barcode	027075142398	



Maximum view.

- > The slim body of the Optio V20 provides 8 megapixels resolution and simple controls. The 3" TFT Monitor with 230,000 dots offers a large display for photographs and text.
- > With the help of the optical 5x zoom distant photographs of landscapes, people, fine details, etc. are possible.
- > With the aid of the extremely wide 170° viewing angle pictures from unusual perspectives are easy to catch.
- > The Face Recognition function recognizes faces and automatically selects the optimal settings for each shot.
- > Digital Shake Reduction eliminates shake and blur from still pictures.
- > Sensitivity of up to ISO 6,400 can automatically be selected depending on the relative brightness of the scene.
- > Thanks to the high 8-megapixel resolution and high performance lens the Optio V20 captures images of amazing quality. Small details can be clearly distinguished in cropped enlargements.
- > With the „Smile Capture“ function the camera automatically releases the shutter when it recognises a smiling face. The “Blinking Detection” system gives warning when the subject of the portrait blinks.

Standard Accessories



Optional Accessories



TECHNICAL DATA

Additional information at www.pentax.co.uk

CCD

- 8.5 Megapixels – total
8.0 Megapixels – effective
- 1/2.35" Interline Transfer CCD with Primary Colour Filter
- Resolution: 8MP (3,264x2,448), 5MP (2,592x1,944), 4MP (2,304x1,728), 3MP (2,048x1,536), 2MP (1,600x1,200), 1,024x768, 640x480
- Sensitivity: automatic, manual selectable (ISO 80, 100, 200, 400, 800, 1,600, 3,200, 6,400*)
* in Digital Shake Reduction mode

Lens

- smc 6.3–31.5 mm f/3.5–5.6 (36–180mm in 35 film format), 8 elements in 6 groups, (4 aspherical lens elements)
- 5x optical zoom
- 5x digital zoom
- Intelligent Zoom up to 25.5x

Monitor

- 3" TFT Monitor, approx. 230,000 dots
- Image viewing on playback:
Single image with histogram, 8x magnification, 9 image thumbnail view, slide show, image rotation, Face Zoom, digital filter, framing, video editing, deleted file recovery

Image formats

- Photo: JPEG (Exif 2.2), DCF, DPOF
- Video: AVI (Motion JPEG), with sound
- Sound: WAV (PCM, mono)

Memory

- SD, SDHC cards
- approx. 52MB internal memory

Focus

- 9-point TTL Contrast Detection System with focus-assist light, focusing set by various Picture Modes, Spot AF, manual focus and Pan Focus
- Focussing range:
Normal: 0.4 m – ∞
Macro: 0.1–0.5m (wide angle)

Metering

- TTL metering, switchable between Multi-segment, Centre-weighted or Spot metering
- Programme controlled electronic
Shutter speed range: approx 1/2,000–4 sec.
- Recording modes: Video, Sound, Digital Shake Reduction, Green, Auto Pict., Programmed automatic, Night scene, Landscape, Flowers, Natural Skin Tone, Portrait, Children, Sport, Surf & Snow, Food, Pets, Panorama, digital wide-angle
- Face Priority with automatic face recognition in all recording modes
- Exposure compensation: ±2 EV (1/3 EV steps)

Flash

- Built-in flash with automatic operation in poor lighting conditions
- Manual flash-on and flash-off modes
- Preflash for reduction of the "Red Eye" effect
- Flash range: (at ISO Auto)
Wide angle: approx. 0.2–4.4m
Tele: approx. 0.6–2.8m

Video**

- Resolution: 640 × 480 pixels, 320 × 240 pixels in 3 quality steps
- Frame rate: 30 and 15fps
- Movie Shake Reduction for blur-free video clips
- With sound

Power requirements

- Rechargeable Li-Ion battery D-LI78
- Battery capacity: approx. 200 pictures*
approx. 210 min. playback
- AC mains adapter (optionally available)

Connections

- AV (compatible with NTSC and PAL)
- USB 2.0 connection (high speed)
- AC mains connection

Recording Parameters

- Single, continuous, Self-timer (2 or 10 sec.), framing
- White balance: Automatic or manual, Daylight, Tungsten, Cloudy, Shade

Playback Functions

- Digital filters, 11 colour filters, frame function, slide show, picture dimension change, image and sound copying, voice memo function, video editing, "Red-Eye" Reduction, Face Zoom

Special functions

- World time for 75 cities, 28 time zones
- Menu languages: English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Polish, Portuguese, Russian, Swedish, Spanish, Turkish, Chinese, Japanese, Korean, Thai
- "Intelligent Zoom shot" for images with less than the maximum resolution (8.0 megapixels): the camera uses the unused pixels to increase the zoom range
- Face Priority: This function recognises faces in the picture and preselects the correct setting so that people shots are perfectly captured.
- "Smile Capture" function: the camera automatically releases the shutter when it detects a smiling face. "Blinking Detection" warns that the subject is blinking.
- Display of recording data (i.e., for projected displays)

Print functions

- PictBridge compatible for single print, print all and DPOF Print, PRINT Image Matching III

System requirements

- PC: Windows 2000 and XP Home Edition/Professional (compatible with Windows Vista)
CPU: Pentium III 500 MHz or newer
RAM: minimum 128 MB
Available hard drive capacity: minimum 50 MB
- Mac: OS 9.2 (with latest version CarbonLib) or higher with QuickTime 6.0
CPU: POWER Macintosh Processor with minimum 266 MHz
RAM: minimum 8 MB, available hard drive capacity 6 MB

Software

- ACDSsee for PENTAX, with image data bank, Stitcher and image editing programme

* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary according to operating conditions. Tests conducted using the monitor and flash for 50% of shots.

** Videos cannot be shown on Macintosh computers.

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