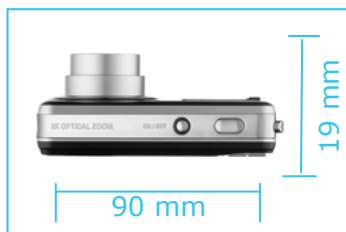
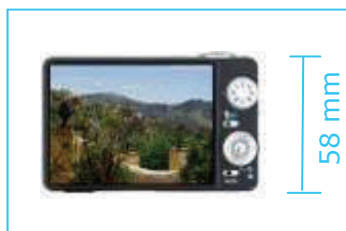


**PENTAX DIGITAL COMPACT**

# Optio M85



105 g nu



## LARGE 3" SCREEN AND HIGH DEFINITION VIDEO

- \* **12 MEGAPIXEL CCD**
- \* **LARGE 3" LCD SCREEN** WITH 230 000 DOTS
- \* **HIGH DEFINITION VIDEO** (1280x720 PIXELS, 15 FPS)
- \* **ZOOM LENS 3X** (EQUIVALENT TO 32-96MM IN 35MM FORMAT)
- \* **FACE PRIORITY & SMILE DETECTION** MODES
- \* **SENSITIVITY UP TO ISO 3200**
- \* **NUMEROUS SCENE MODES**
- \* **SUPPLIED WITH LITHIUM-ION BATTERY AND CHARGER**



### OPTIO M85 Black

Part No. 17891 EAN 0027075156395

### SUPPLIED ACCESSORIES

LITHIUM-ION BATTERY D-LI95  
 CABLE ADAPTER D-AC101  
 USB/AV CABLE I-UAV86  
 STRAP O-ST86  
 SOFTWARE S-SW101



D-LI95 Battery



Cable adapter



USB/AV cable



Strap



Software

### OPTIONAL ACCESSORIES

BLACK NEOPRENE CASE	50192
EXTRA BATTERY D-LI95	39817
CABLE ADAPTER D-AC101	39385
USB/AV CABLE I-UAV86	39814
SPORT STRAP O-ST30	39270
SPORT STRAP O-ST81	39457
LEATHER STRAP O-ST24	39263
METAL STRAP O-ST8	39166
PROTECTIVE FILMS FOR LCD SCREEN	50121



Neoprene case



D-LI95 battery



Protective films



Leather strap



Metal strap



Sport strap

These are European Codes (excl. UK)

WWW.PENTAX.CO.UK  
 HOTLINE: 0870 7368299

# PENTAX

# SPECIFICATIONS – PENTAX OPTIO M85

## CCD SENSOR

<b>Number of pixels</b>	12.0 megapixels (effective)
<b>Sensor's size</b>	1/2.3" CCD
<b>Colour depth</b>	12 bits x 3 colours

## LENS

<b>Focal Length</b>	smc 5.7–17.1mm
<b>Equivalent in 35mm</b>	32-96mm
<b>Aperture</b>	f/2,9-5,2
<b>Construction</b>	7 elements in 6 groups (3 aspherical elements)
<b>Optical zoom</b>	3x
<b>Digital zoom</b>	1-5x

## LCD SCREEN

<b>Type</b>	3" (7.62cm diagonal), 230 000 dots, colour low temperature polysilicone TFT
<b>Brightness control</b>	15 levels
<b>Display options</b>	Slideshow, resize, crop, image rotation

## FILE FORMATS

<b>Image formats</b>	JPEG (Exif 2.21), DCF 2.0, DPOF, PRINT Image Matching III
<b>Image size</b>	12M (4000x3000 pixels) 10M (3648x2376 pixels) 8.9M (3:2) (4000x2672 pixels) 8M (3264x2448 pixels) 5M (2592x1944 pixels) 3M (2048x1536 pixels) 2.1M (16:9) (1920x1080 pixels) 2M (1728x1152 pixels) VGA (640x480 pixels)
<b>Video format</b>	MOV (Quick Time Motion JPEG)
<b>Resolution</b>	HDTV 1280x720 pixels — 15 fps VGA 640x480 pixels—30 fps
<b>Internal memory</b>	10MB
<b>External memory</b>	SD and SDHC (high capacity)

## FOCUSING

<b>Autofocus</b>	Contrast detection Autofocus system TTL Multi-AF zone, Standard and Pan focus
<b>AF Points</b>	6-point AF
<b>Normal</b>	10cm to infinity (at wide setting) 35cm to infinity (at tele setting)
<b>Macro</b>	10cm to 70cm (at wide setting) 35cm to 70cm (at tele setting)

## EXPOSURE CONTROL

<b>Type</b>	Electronic shutter with automatic exposure program controlled
<b>Metering TTL modes</b>	Choice of multi-zones, centre weighted or spot metering
<b>Shutter speeds</b>	1/2000 sec to 2 sec
<b>Exposure compensation</b>	+/-2EV (in increments of 1/3EV)
<b>Sensitivity</b>	Auto, manual (80-3200 ISO)
<b>Scene modes</b>	Auto picture, auto scene, sport, landscape, night scene, portrait, autoportrait, night portrait, museum, surf&snow, sunset, fireworks, beach, party, green, aquarium, kids&pets, text, backlight, video, audio
<b>Face priority mode</b>	Yes*

\*Face priority mode complies with all scene modes. It detects up to 10 faces.

## FLASH

<b>Built-in flash</b>	With serial control
<b>System</b>	Automatic operation in poor lighting conditions
<b>Flash modes</b>	Flash-on and flash-off modes
<b>Other</b>	Reduction of the « red-eye » effect
<b>Flash range</b>	Wide-angle: approx. 30cm-3m (ISO Auto) Tele: approx: approx. 50cm-1.5m (ISO Auto)

## VIDEO

<b>Sound</b>	Yes
<b>Duration</b>	Depending on the card's capacity (up to 4GB)
<b>Resolution</b>	HDTV 1280x720 pixels — 15 fps VGA 640x480 pixels—30 fps 620x240 pixels—30 fps
<b>Editing function</b>	Yes

## POWER REQUIREMENTS

<b>Battery</b>	Rechargeable Lithium-Ion DL-I95 battery
<b>Battery capacity</b>	Approx. 215 pictures
<b>Other sources</b>	Adaptator cable

## INTERFACES

<b>USB</b>	USB 2.0 high speed
<b>Video output</b>	AV (compatible with NTSC and PAL)
<b>Other</b>	AC mains connection

## RECORDING PARAMETERS

<b>Modes</b>	Single, continuous, High Speed shooting (16 frames)
<b>White balance</b>	Automatic, Daylight, Tungsten, Neon, Cloudy

## MISCELLANEOUS

<b>Menu languages</b>	French, English, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hun garian, Turkish, Greek, Arab, Russian, Korean, Chinese (Trad./ Simpl.), Japanese
<b>World clock</b>	75 cities, 28 time zones
<b>Other functions</b>	Picture protection

## DIMENSIONS AND WEIGHT

<b>Dimensions</b>	90x58x19mm
<b>Weight</b>	105g body only 138g loaded and ready (with battery)

## OPERATING SYSTEMS

<b>PC</b>	Windows XP Home Edition/ Professional and Vista
<b>Macintosh</b>	Mac : OS x 10.3 or above

## SOFTWARE

ACDSee for PENTAX