**Information**

### PENTAX Optio T30 — A compact digital camera featuring an extra-large 3.0-inch LCD monitor, newly equipped with Shake Reduction and Face Recognition AF & AE functions

PENTAX Corporation is pleased to announce the new PENTAX Optio T30, which realizes a slim body while being equipped with a large 3.0-inch LCD monitor that enables for easy viewing. The Optio T30 comes with new functions such as shake reduction which reduces camera shake and subject blurring, and "Face Recognition AF & AE," which is convenient when photographing people.

## Major Features
### 1. Easy-to-view 3.0-inch oversized LCD monitor

The Optio T30 is equipped with a high-resolution, oversized 3.0-inch LCD monitor with approximately 230,000 pixels that enables images and menu text to be displayed largely and clearly. The monitor also has a wide viewing angle of approximately 170° from all directions, making it easy to confirm images, even when looking at the monitor diagonally.

### 2. Shake reduction function

(1) Digital SR (Shake Reduction)

A mode that reduces camera shakes and blurring of the subject when photographing still images. The sensitivity is adjusted automatically, to as high as the ultrahigh sensitivity of ISO 3200, to match the brightness of the subject. This enables for photography with fast shutter speeds, and images with less blurs can be obtained.

(2) Movie SR (Shake Reduction)[1]

An electronic shake reduction function exclusively for capturing movies, which effectively corrects distortions in images due to camera shakes through software.

[1] When using "Movie SR," the field of view is narrower than that during normal recording.

## 3. "Face Recognition AF & AE" function that is convenient when photographing people

The Optio T30 is equipped with a "Face Recognition AF & AE" function[2] that automatically detects and focuses on faces, regardless of where the people appear in the photo frame. In addition, optimal exposure settings are automatically conducted so that the areas with faces are not darkened even if there is backlighting.

[2] Available when the photography mode is "Portrait" and the camera is directed at people from the front.

## 4. One of the Smallest and lightest in its class

By using a new type of battery that is thin and high-performance, as well as adopting the "sliding lens system,"[3] which is a lens mechanism unique to PENTAX, the Optio T30 realizes one of the smallest and lightest compact body in the class of models equipped with a large, 3.0-inch LCD monitor and 3X optical zoom.

[3] PENTAX's proprietary lens system: The central lens group slides upward from the optical axis and the front and back lens groups slip under them. Housing the lens in two steps in the lens cylinder reduces overall lens thickness, thereby minimizing body depth.

## 5. Excellent image quality

An upgraded 7.1 effective megapixel resolution delivers images with exceptional definition. The camera boasts the well-regarded smc PENTAX lens, which renders clear, high-contrast images, while our unique lens coating cuts out ghosting and other artifacts. And the Optio T30's superb image processing technology produces vivid colors and creates smooth tonal expressions at all brightness levels.

## 6. Touch-display control system

Various functions can be set and entered easily, due to a touch-display control system where operations can be made by directly touching the icons on the LCD monitor.

## 7. My Drawing mode for easy picture design

The Optio T30 comes with a My Drawing mode, which lets you enjoy customizing your shots. Using the included stylus pen, you can create your own original picture by writing directly on the image shown on the monitor or adding a stored illustration with the Stamp function. The camera also has a function for storing your favorite photos as original stamps.

**8. Auto Picture mode automatically determines the best settings for the shooting conditions**

The Auto Picture mode lets the camera automatically determine the shooting conditions for Landscape, Portrait, Night Scene, and Program modes and choose the optimum settings for each subject. This PENTAX original function makes photography a lot easier for users since it eliminates the necessity of making a number of individual settings.

**9. Other features**

(1) Auto-tracking AF continuously focusing on a moving subject

(2) Compatible with new SDHC memory cards, in addition to conventional SD memory cards

(3) Function (Fn) setting permits you to store frequently used settings and recall them from the panel with a single touch

(4) Mode Palette provides quick access to 16 shooting modes and 12 playback modes

(5)Deleted images recovery function that restores images that were erased accidentally

(6)Memo pad function that enables the user to save handwritten memos and illustrations as images

(7) Frame composite mode adds decorative frames to images when shooting or after shooting

(8) Digital zooming provides up to 4X magnification

(9) Approximately 19.9 MB of built-in memory

(10) FotoNation's red-eye correction function for flash shots

(11) Includes the ACDSee for PENTAX image viewer/image management software

(12) Supports PictBridge, DPOF functions, Exif Print, and PRINT Image Matching III

- *PENTAX, Optio and smc PENTAX are trademarks of PENTAX Corporation.*
- *All other brands or product names are trademarks or registered trademarks of their respective companies.*
- *This product supports PRINT Image Matching III. PRINT Image Matching enabled digital still cameras, printers and software help photographers to produce images more faithful to their intentions. Some functions are not available on printers that are not PRINT Image Matching III compliant.*
  *Copyright 2001 Seiko Epson Corporation. All Rights Reserved.*
  *Print Image Matching is a trademark of Seiko Epson Corporation.*
  *The PRINT Image Matching logo is a trademark of Seiko Epson Corporation.*
- *Features Automatic Red-eye Compensation function of FotoNation Inc. for red-eye compensation when shooting with a flash.*
- *Design and Specifications is subject to change without notice.*

# Optio T30 Specifications

| Effective pixels | | 7.1 megapixels |
|---|---|---|
| Sensor | | 7.41 megapixels (total pixels) |
| | | 1/2.5 inch interline transfer CCD with a primary color filter |
| Recorded pixels | Still | 7M(3072×2304), 5M(2592x1944), 4M(2304x1728), 3M(2048×1536), 2M(1600×1200), 640(640×480) pixels |
| | | During Flame composition mode,the recoded size is fixed to 3M(2048x1536). |
| | Movie | 640(640×480), 320(320×240)pixels |
| ISO Sensitivity | | Auto(ISO64-400*), Fixed (ISO64/ISO100/ISO200/ISO400/ISO800/ISO1600/ISO3200) |
| | | * The sensitivity is auto selected up to ISO3200 at the Digital SR mode. |
| File Formats | Still | JPEG(Exif 2.2),DCF,DPOF,PRINT Image Matching III |
| | Movie | MOV (Quick Time Motion JPEG ) , approx. 30fps*1/15fps*1,with sound  and Movie SR |
| | | Color mode:Full color, Sepia, Monochrome |
| | Sound | WAV(PCM), monaural |
| Quality Levels | Still | ★★★(Best), ★★(Better), ★(Good) |
| | Movie | ★★★(Best), ★★(Better), ★(Good) |
| Storage Media | | Build-in Memory (approx. 19.9MB) , SD Memory Card, SDHC memory card |
| White Balance | | Auto, Daylight, Shade, Tungsten light, Fluorescent light, Manual setting |
| Lens | | smc PENTAX zoom lens |
| | Focal Length | 6.2 mm- 18.6 mm (equivalent to 37.5-112.5 mmin 35mm format) |
| | F Value | F2.7-F5.2 |
| | Composition | 6 elements in 5 groups (2 dual-sided aspherical elements) |
| | Zoom | Electric |
| | Capturing Area | approx. 148mm×111mm to the fullest of LCD (at Macro mode) |
| | Lens barrier | Electric |
| Digital Zoom | | 1X - approx. 4X (up to approx.12X with optical 3X zoom) |
| LCD | | 3.0 inch, TFTcolor LCD (with back light)  Touch Display |
| | | approx. 230,000 pixels |
| Playback | | One Shot, Index (9 thumb nails), Enlargement (up to 8X, scroll available),  Movie Playback, Sound Playback,  Histogram, Bright and Dark portion, Folder display, |
| | Mode Pallet | Slideshow, Resize, Trimming, Image&Sound Copy, Digital Effect, Movie Edit, Red-eye Compensation, Voice Memo, Protect, DPOF, Image Recovery, Start-up Image Setting |
| | Digital Effect | Color Filter, Digital Filter,Fish Eye Filter, Brightness Filter, Frame Composite, My |
| | Color Filter | B&W, Sepia, Color Filter (8 colors with bar), B&W with Red, B&W with Green, B&W |
| | Digital Filter | Soft, Illustration, Special Effect, Slim |
| | My Drawing | Undo, Redo, Line drawing, Stamp, My stamp, Eraser |
| Focus | Type | TTL contrast detection auto focus system, with AF fill light |
| | | 9-point AF, Spot AF, Auto tracking AF changeable |
| | Still | Normal: 0.4m to infinity (whole zoom area) 1.31ft to infinity (whole zoom area) |
| | | Macro:0.15m to 0.5m (at wide setting) 0.49 ft to 1.64 ft (at wide setting) |
| | | Intfinity-landscape mode: Infinity (whole zoom area) |
| | | Pan focus:1.3m to infinity (at wide setting), 5.3m to infinity (at tele setting) 4.3ft to infinity (at wide setting), 17 ft to infinity (at tele setting) |
| | | Manual Focus: 0.15m to infinity (at wide setting), 0.4m to infinity (other than wide) 0.49ft to infinity (at wide setting), 1.31ft to infinity (other than wide) |
| | | * AF is fixed to Face priority AF at the Portorait. |
| | | * Auto tracking AF is auto selected at the Sport, Kids and Pet mode initially. |
| | Movie | Normal: 0.4m to infinity (whole zoom area) 1.31ft to infinity (whole zoom area) |
| | | Macro: 0.15m to 0.5m (only at wide setting) 0.49ft to 1.64ft (only at wide setting) |
| | | Infinity-landscape mode: Infinity (whole zoom area) |
| | | Manual Focus: 0.15m to infinity (at wide setting), 0.4m to infinity (other than wide) 0.49ft to infinity (at wide setting), 1.31ft to infinity (other than wide) |
| | Focus Lock | By pressing the shutter button to the middle |

| Exposure Control | Metering System | TTL metering: Choice of Multi-segment metering, Center-weighted metering, Spot |
|---|---|---|
| | Modes | PICT, Program<br>* AE is fixed to Face priority AE at the Portorait. |
| | Exposure Compensation | ±2EV(1/3EV steps) |
| Capture modes | Mode Pallet | AUTO Picture, Program, Night Scene, Movie, Landscape, Flower, Portrait, Digital SR, Surf&Snow, Sport, Pet, Kids, Frame Composition, Food, Text, Voice Recording, |
| Auto Bracket | | Exposure, WB, Sharpness, Saturation, Contrast |
| Movie | Shooting Time | Until the memory card becomes full |
| | Edit Function | Save as still image, Divideing Movies, Stitch Movies |
| Shutter | Type | Programmed AE electronic lens shutter with CCD electronic shutter |
| | Speed | approx. 1/2000 sec.～approx. 4sec. |
| Flash | Type | Built-in series-control auto flash. Automatic discharge under low lighting conditions in auto modes. |
| | Modes | Flash-on and Flash-off modes. "Red-eye" compensation function employs a pre-discharge. Soft flash |
| | Effective Range | Wide：approx. 0.15m - approx. 6.0m(ISO Auto) |
| | | Tele：approx. 0.4m - approx. 3.0m(ISO Auto) |
| Drive Modes | | One shot, Self-timer (10 sec, 2 sec), Continuous (Standard, High speed), Auto bracketing (Exposure, White Balance, Saturation, Sharpness, Contrast), Remote |
| Self-timer | | Electric |
| Clock Function | World Time | 75 cities (28 time zones) |
| Power | Sources | Rechargeable D-LI63 lithium-ion battery, Optional AC adapter also available |
| | Recordable Images | Still: approx.200 (Rechargeable D-LI63 lithium-ion battery) |
| | Playback Time | Playback: approx.170 mins (Rechargeable D-LI63 lithium-ion battery) |
| | Charging Time | at most: approx.120 mins |
| Interfaces | | USB/ AV output terminal, DC input terminal |
| Video Output | | NTSC/PAL |
| PictBridge | Printer | "PictBridge" compatible |
| | Modes | Single image, All images, DPOF, Paper Size, Paper Type, Paper Quality, Border |
| | Paper Size | Card, L, 2L, Post Card, 100x150, 4"x6", 8"x10", Letter, 11"x17", A4, A3, Printer Setting |
| | Paper Type | ★★★,★★,★,Printer Setting |
| | Paper Quality | ★★★,★★,★,Printer Setting |
| | Border | With, Without, Printer Setting |
| Dimensions | | 95(W)×57(H)×19(D)mm (excluding protrusions) |
| Weight | Body | 120g (without battery and SD memory card) |
| | With battery & SD card | 135g (loaded and ready) |
| Accessories | | Rechargeable D-LI63 lithium-ion battery, Charger, AC cable, USB cable, AV cable, Software (CD-ROM), Strap, Stylus |
| Languages | | English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Russian, Thai, Korean, Traditional Chinese, Simplified Chinese, Japanese |

**Optio T30 Specifications**

**Still**

| | 7M (3072x2304) | | | 5M (2592x1944) | | | 4M (2304x1728) | | | 3M (2048x1536) | | | 2M (1600X1200) | | | 0.3M (640X480) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ★★★ | ★★ | ★ | ★★★ | ★★ | ★ | ★★★ | ★★ | ★ | ★★★ | ★★ | ★ | ★★★ | ★★ | ★ | ★★★ | ★★ | ★ |
| Built-in Mem | 5 | 11 | 16 | 7 | 14 | 22 | 10 | 20 | 29 | 12 | 25 | 36 | 20 | 33 | 49 | 79 | 116 | 156 |
| 16MB | 4 | 7 | 11 | 5 | 10 | 15 | 7 | 14 | 20 | 8 | 17 | 25 | 14 | 23 | 34 | 56 | 82 | 112 |
| 32MB | 8 | 16 | 24 | 10 | 21 | 33 | 15 | 30 | 43 | 18 | 37 | 54 | 30 | 49 | 72 | 118 | 172 | 236 |
| 64MB | 17 | 34 | 50 | 22 | 44 | 67 | 30 | 61 | 88 | 38 | 75 | 110 | 61 | 101 | 148 | 242 | 352 | 484 |
| 128MB | 35 | 69 | 103 | 44 | 88 | 137 | 62 | 124 | 177 | 77 | 153 | 223 | 124 | 206 | 301 | 489 | 711 | 978 |
| 256MB | 69 | 134 | 200 | 86 | 173 | 267 | 121 | 242 | 346 | 151 | 299 | 435 | 242 | 401 | 586 | 953 | 1386 | 1906 |
| 512MB | 137 | 267 | 397 | 171 | 343 | 530 | 236 | 479 | 686 | 299 | 592 | 863 | 479 | 795 | 1162 | 1888 | 2747 | 3777 |
| 1GB | 276 | 535 | 795 | 343 | 687 | 1060 | 479 | 959 | 1374 | 598 | 1185 | 1727 | 959 | 1590 | 2325 | 3778 | 5496 | 7557 |
| 2GB | 558 | 1078 | 1617 | 698 | 1397 | 2119 | 975 | 1921 | 2794 | 1205 | 2364 | 3415 | 1921 | 3235 | 4728 | 7684 | 10245 | 15368 |
| 4GB | 1097 | 2117 | 3176 | 1371 | 2743 | 4162 | 1915 | 3771 | 5486 | 2366 | 4642 | 6705 | 3771 | 6352 | 9284 | 15087 | 20116 | 30174 |

**Movie**

| | 640X480 | | | | | | 320X240 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ★★★ | | ★★ | | ★ | | ★★★ | | ★★ | | ★ | |
| | 30fps | 15fps | 30fps | 15fps | 30fps | 15fps | 30fps | 15fps | 30fps | 15fps | 30fps | 15fps |
| Built-in Mem | 19s | 37s | 25s | 49s | 38s | 1m15s | 30s | 58s | 41s | 1m19s | 58s | 1m56s |
| 16MB | 13s | 26s | 18s | 34s | 27s | 53s | 21s | 41s | 29s | 56s | 41s | 1m22s |
| 32MB | 28s | 55s | 37s | 1m12s | 57s | 1m51s | 45s | 1m26s | 1m01s | 1m58s | 1m25s | 2m51s |
| 64MB | 57s | 1m53s | 1m17s | 2m28s | 1m57s | 3m47s | 1m32s | 2m:55s | 2m04s | 4m01s | 2m55s | 5m:51s |
| 128MB | 1m56s | 3m50s | 2m36s | 5m01s | 3m57s | 7m40s | 3m06s | 5m55s | 4m12s | 8m09s | 5m55s | 11m51s |
| 256MB | 3m47s | 7m28s | 5m04s | 9m46s | 7m42s | 14m56s | 6m03s | 11m33s | 8m01s | 15m52s | 11m33s | 23m05s |
| 512MB | 7m30s | 14m48s | 10m04s | 19m22s | 15m15s | 29m37s | 11m59s | 22m53s | 16m14s | 31m28s | 22m53s | 45m46s |
| 1GB | 15m02s | 29m37s | 20m08s | 38m44s | 30m31s | 59m15s | 23m59s | 45m47s | 32m29s | 1h02m57s | 45m46s | 1h31m33s |
| 2GB | 30m07s | 1h00m15s | 40m58s | 1h18m47s | 1h00m15s | 1h53m48s | 48m46s | 1h33m07s | 1h04m00s | 2h08m01s | 1h33m06s | 2h50m41s |
| 4GB | 59m09s | 1h58m19s | 1h20m27s | 2h34m42s | 1h58m18s | 3h43m27s | 1h35m46s | 3h02m50s | 2h05m41s | 4h11m23s | 3h02m48s | 5h35m08s |

**Voice recording**

| | |
|---|---|
| Built-in Mem | 15m48s |
| 16MB | 11m10s |
| 32MB | 23m25s |
| 64MB | 47m56s |
| 128MB | 1h36m57s |
| 256MB | 3h08m51s |
| 512MB | 6h14m13s |
| 1GB | 12h28m40s |
| 2GB | 25h22m33s |
| 4GB | 49h49m27s |

*The continuous voice recording time is 24 hours.