



## ADVANTAGES

### Weather-resistant and compact kit (body+lens)

- ✓ Weather resistant body with 100 protection joins
- ✓ New standard zoom 18-50mm with WR construction, built-in DC motor and retractable mechanism for more compacity and portability

### Image and video quality

- ✓ 20 MP stabilised CMOS sensor with AA filter-less
- ✓ Advanced anti-moire function for effective moire reduction
- ✓ Sensitivity up to 51 200 ISO
- ✓ Full HD recording with 30 fps frame rate, H.264 codec
- ✓ Movie time lapse 4K
- ✓ New clarity enhancement mode for more realistic texture impression and true-to-life images

### Fastness and accuracy

- ✓ Continuous shooting 5.5 fps
- ✓ Shutter speed 1/6000 sec. to capture fast-moving subjects in crisp focus
- ✓ Imaging Engine Prime MII for speed datas transfer
- ✓ AF SAFOX X with 11 AF points enables fast and accurate AF even in low light conditions (-3EV)

### Connectivity and easy sharing

- ✓ Built-in Wifi and NFC modules with dedicated button for instantaneous communication with smartphones or tablet
- ✓ Dedicated Application available in Android and iOS for remote control and sharing on social networks
- ✓ Selfie assistance thanks to a 2nd shutter release button for great and easy selfportraits
- ✓ HDMI connection

### Ease of use

- ✓ Vari-angle 3" 921K dots LCD monitor with anti-reflection coating to shoot in every angle
- ✓ 100% Field of View, 0,95X magnification Pentaprism Viewfinder
- ✓ Dual dials for simultaneous settings of aperture and shutter speed

# PENTAX K-S2

## THE SMALLEST WEATHER-RESISTANT SLR CAMERA

| BLACK                           | Art. Code | EAN           |
|---------------------------------|-----------|---------------|
| K-S2 BLACK BODY KIT             | 11576     | 0027075289055 |
| K-S2 BLACK + 18-50WR            | 11598     | 0027075289277 |
| K-S2 BLACK + 18-50WR + 50-200WR | 11609     | 0027075289383 |
| K-S2 BLACK + 18-135WR           | 11587     | 0027075289161 |

| WHITE                           | Art. Code | EAN           |
|---------------------------------|-----------|---------------|
| K-S2 WHITE BODY KIT             | 11889     | 0027075289505 |
| K-S2 WHITE + 18-50WR            | 12072     | 0027075289727 |
| K-S2 WHITE + 18-50WR + 50-200WR | 12613     | 0027075289833 |
| K-S2 WHITE + 18-135WR           | 12061     | 0027075289611 |

| BLACK X ORANGE                         | Art. Code | EAN           |
|--|-----------|---------------|
| K-S2 BLACK/ORANGE BODY KIT             | 13175     | 0027075289956 |
| K-S2 BLACK/ORANGE + 18-50WR            | 13206     | 0027075290174 |
| K-S2 BLACK/ORANGE + 18-50WR + 50-200WR | 13217     | 0027075290280 |
| K-S2 BLACK/ORANGE + 18-135WR           | 13195     | 0027075290068 |

## SUPPLIED ACCESSORIES

RECHARGEABLE L-ION BATTERY D-LI109 - 39067  
 BATTERY CHARGER D-BC109 - 39098  
 AC PLUGCORD D-CO68U - 39672  
 SOFTWARE S-SW156 - 38555  
 PENTAX STRAP O-ST132 - 38776  
 PENTAX EYECUP FR - 30200  
 HOTSHOE COVER FK - 31040  
 BODY MOUNT COVER - 31016

## OPTIONAL ACCESSORIES

AC ADAPTER KIT K-AC128 E - 38822  
 BATTERY CHARGER KIT K-BC109 E - 39032  
 DC COUPLER D-DC128 - 38943  
 SLR CASE - 50099  
 FINDER CAP FOR ME - 31011  
 PENTAX AF FRAME MATTE MF-60 - 38578  
 PENTAX AF DIVIDED MATTE ML-60 - 38579  
 PENTAX AF SCALE MATTE MI-60 - 38580  
 PENTAX PLAIN MATTE ME-60 - 38581  
 PENTAX MAGNIFYING EYECUP O-ME53 - 30150  
 REMOTE CONTROL F - 37377  
 PENTAX REMOTE CONTROL O-RC1 - 39892  
 FLASH AF160FC AUTO MACRO - 30477  
 FLASH AF200FG - 30465  
 FLASH AF360FGZII - 30438  
 FLASH AF540FGZII - 30456  
 3" LCD PROTECTION FILMS - 50251

## MODEL DESCRIPTION

|                        |  |
|------------------------|--|
| <b>Type</b>            | TTL autofocus, auto-exposure SLR digital-still camera with built-in retractable P-TTL flash    |
| <b>Lens Mount</b>      | PENTAX KAF2 bayonet mount (AF coupler, lens information contacts, K-mount with power contacts) |
| <b>Compatible Lens</b> | KAF3, KAF2 (power zoom not compatible), KAF, KA mount lens                                     |

## IMAGE CAPTURE UNIT

|                                      |   |
|--------------------------------------|---|
| <b>Image Sensor</b>                  | Primary color filter, CMOS. Size: 23.5 x 15.6 (mm)                  |
| <b>Effective Pixels</b>              | Approx. 20.12 megapixels  |
| <b>Total Pixels</b>                  | Approx. 20.42 megapixels  |
| <b>Dust Removal</b>                  | SP coating and CMOS sensor operations                               |
| <b>Sensitivity (Standard output)</b> | ISO AUTO/100 to 51200 (EV steps can be set to 1EV, 1/2EV, or 1/3EV) |
| <b>Image Stabilizer</b>              | Sensor shift Shake Reduction  |
| <b>AA Filter Simulator</b>           | Moiré reduction using SR unit. OFF/Type1/Type2/Bracket              |

## FILE FORMATS

|                        |   |
|------------------------|---|
| <b>File Format</b>     | RAW (PEF/DNG), JPEG (Exif 2.3), DCF2.0 compliant  |
| <b>Recorded Pixels</b> | JPEG: L (20M: 5472x3648), M (12M: 4224x2816), S(6M: 3072x2048), XS (2M: 1920x1280)<br>RAW: L (20M: 5472x3648) |
| <b>Quality Level</b>   | RAW (12bit): PEF, DNG<br>JPEG: ★★★ (Best), ★★ (Better), ★ (Good), RAW and JPEG simultaneously recordable      |
| <b>Color Space</b>     | sRGB, AdobeRGB  |
| <b>Storage Medium</b>  | SD, SDHC and SDXC Memory Card (Conforms to UHS-1 standards), Eye-Fi card, FLU card.                           |
| <b>Storage Folder</b>  | Folder name: Date (100_1018,101_1019...) or User assigned folder name (Default "PENTAX")                      |
| <b>Recording File</b>  | File name: ""IMGP*****" or User assigned file name<br>File name numbering: Sequential, Reset                  |

## VIEWFINDER

|                          |   |
|--------------------------|---|
| <b>Type</b>              | Pentaprism Finder   |
| <b>Coverage (FOV)</b>    | Approx. 100%  |
| <b>Magnification</b>     | Approx. 0.95x (50mmF1.4 at infinity)  |
| <b>Eye-Relief Length</b> | Approx. 20.5mm (from the view window), Approx. 22.3mm (from the center of lens) |
| <b>Dioptr Adjustment</b> | Approx. -2.5m to + 1.5m-1   |
| <b>Focusing Screen</b>   | Interchangeable Natural-Bright-Matte III focusing screen                        |

## LCD MONITOR

|                   |   |
|-------------------|---|
| <b>Type</b>       | Vari-angle TFT color LCD monitor featuring an air-gapless structure, tempered-glass front panel |
| <b>Size</b>       | 3.0 inches (3:2)  |
| <b>Dots</b>       | Approx. 921K dots   |
| <b>Adjustment</b> | Brightness, Saturation and Colors adjustable  |

## WHITE BALANCE

|                        |  |
|------------------------|--|
| <b>Type</b>            | Method using a combination of the CMOS image sensor and the light source detection sensor  |
| <b>White Balance</b>   | AUTO WB, Multi Auto WB, Daylight, Shade, Cloudy, Fluorescent Light (D:Daylight Color, N:Daylight White, W:Cool White, L:Warm White), Tungsten Light, Flash, CTE, Manual WB, Color Temperature Configuration, Copying the white balance setting of a captured image |
| <b>Fine Adjustment</b> | Adjustable ±7 steps on A-B axis or G-M axis  |

## AUTOFOCUS SYSTEM

|                           |   |
|---------------------------|---|
| <b>Type</b>               | TTL: phase-matching autofocus                                     |
| <b>Focus Sensor</b>       | SAFOX X, 11 point (9 cross type focus points in the center)       |
| <b>Brightness Range</b>   | EV-3 to 18 (ISO 100 / at normal temperature)                      |
| <b>AF Mode</b>            | Single AF (AF.S), Continuous AF (AF.C), Auto select AF (AFA)      |
| <b>AF Point Selection</b> | Auto:11 points, Auto:5 points, Select, Expanded Area Select, Spot |
| <b>AF Assist Light</b>    | Dedicated LED AF assist light                                     |

## METERING

|                        |  |
|------------------------|--|
| <b>Type</b>            | TTL open aperture, 77 segmented metering, center-weighted and spot metering  |
| <b>Metering Range</b>  | EV0 to 22 (ISO100 at 50mm F1.4)  |
| <b>Exposure Mode</b>   | Auto Picture mode (Standard, Portrait, Landscape, Macro, Moving Object, Night Scene Portrait, Sunset, Blue Sky, Forest), Scene Mode (Portrait, Landscape, Macro, Moving Object, Night Scene Portrait, Sunset, Blue Sky, Forest, Night Scene, Night Scene HDR*, Night Snap, Food, Pet, Kids, Surf & Snow, Backlight Silhouette, Candlelight, Stage Lighting, Museum) Advanced HDR* (Exposure bracket value selectable from ±1, ±2 or ±3EV) Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter & Aperture Priority, Manual, Bulb<br>* JPEG only |
| <b>EV Compensation</b> | ±5EV (1/2EV steps or 1/3EV steps can be selected)  |
| <b>AE Lock</b>         | Can be assigned to the AF/AE-L button  |

## SHUTTER

|                      |  |
|----------------------|--|
| <b>Type</b>          | Electronically controlled vertical-run focal plane shutter                           |
| <b>Shutter Speed</b> | Auto:1/6000 to 30 sec., Manual: 1/6000 to 30 sec. (1/3EV steps or 1/2EV steps), Bulb |

## FLASH

|                                    |   |
|------------------------------------|---|
| <b>Built-in Flash</b>              | Built-in retractable P-TTL flash, GN: approx. 12 (ISO100/m), Angle of view of 28mm lens (35mm format equivalent)  |
| <b>Flash Mode</b>                  | Auto Flash Discharge, Auto Flash + Red-eye Reduction (Auto Picture, Scene) Flash On, Flash On+ Red-eye Reduction, Slow-speed Sync, Trailing Curtain Sync, Manual Flash Discharge (Full-1/128) |
| <b>Sync Speed</b>                  | 1/180 sec.  |
| <b>Flash Exposure Compensation</b> | -2.0 to + 1.0EV   |
| <b>External Flash</b>              | P-TTL, Leading Curtain Sync, Trailing Curtain Sync, Contrast-control-sync, High-speed sync, wireless sync (available with 2 dedicated external flash)   |

## DIMENSIONS AND WEIGHT

|                   |   |
|-------------------|---|
| <b>Dimensions</b> | Approx. 122.5mm (W) x 91mm (H) x 72.5mm (D) (excluding protrusions)                     |
| <b>Weight</b>     | Approx. 678g (Including dedicated battery and SD Memory Card), Approx. 618g (body only) |

## DRIVE MODES

|                            |   |
|----------------------------|---|
| <b>Mode Selection</b>      | Still Image: Single frame, Continuous (H, L), Self-timer (12s, 2s), Remote Control (0 Sec., 3 sec.), Exposure Bracketing<br>Movie: Remote Contro  |
| <b>Continuous Shooting</b> | Max. approx. 5.4 fps, JPEG (L: ★★★ at Continuous H): up to approx. 20 frames, RAW: up to approx. 5 frames<br>Max. approx. 3.0 fps, JPEG L: ★★★ at Continuous L): up to approx. 100 frames, RAW: up to approx. 8 frames<br>*ISO100 |

## CAPTURE SETTING

|                            |   |
|----------------------------|---|
| <b>Custom Image</b>        | Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Bleach Bypass, Reversal Film, Monochrome, Cross Processing |
| <b>Cross Processing</b>    | Random, Preset 1-3, Favorite 1-3  |
| <b>Digital Filter</b>      | Extract Color, Replace Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Unicolor Bold, Bold Monochrome     |
| <b>HDR Capture</b>         | Auto, Type1, Type2, Type3, Bracket Value adjustable, Auto Align: On/Off   |
| <b>Clarity Enhancement</b> | On/Off  |
| <b>Lens Correction</b>     | Distortion Correction, Peripheral Illumin. Correction., Lateral Chromatic Aberration Adj., Diffraction Correction         |
| <b>D-Range Settings</b>    | Highlight Correction, Shadow Correction   |
| <b>Noise Reduction</b>     | Slow Shutter Speed NR, High-ISO NR  |
| <b>Electronic Level</b>    | Displayed in viewfinder : Horizontal direction only, Displayed on LCD monitor: Horizontal and vertical direction          |
| <b>Horizon Correction</b>  | SR On: correction up to 1 degrees, SR Off: correction up to 1.5 degrees   |

## MOVIE

|                                       |   |
|---------------------------------------|---|
| <b>File Format</b>                    | MPEG-4 AVC/H.264 (MOV)  |
| <b>Recorded Pixels</b>                | Full HD(1920x1080, 30p/25p/24p), HD (1280x720, 60p/50p)   |
| <b>Frame rate</b>                     |   |
| <b>Sound</b>                          | Built-in stereo microphone, Recording Sound Level adjustable (Recording level meter)                                      |
| <b>Recording Time</b>                 | Up to 25 minutes or 4GB ; automatically stops recording if the internal temperature of the camera becomes high.           |
| <b>Custom Images</b>                  | Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Bleach Bypass, Reversal Film, Monochrome, Cross Processing |
| <b>Cross Processing</b>               | Random, Preset 1-3, Favorite 1-3.   |
| <b>Digital Filter</b>                 | Extract Color, Replace Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Unicolor Bold, Bold Monochrome     |
| <b>HDR Capture</b>                    | Auto, Type1, Type2, Type3, Bracket Value adjustable   |
| <b>* Available for Interval Movie</b> |   |
| <b>Clarity Enhancement</b>            | On/Off  |
| <b>* Available for Interval Movie</b> |   |

## PLAYBACK

|                        |   |
|------------------------|---|
| <b>Playback View</b>   | Single frame, multi-image display (6,12, 20, 35, 80 segmentation), Display magnification (up to 16x, Quick magnification available), Rotating, Histogram (Y histogram, RGB histogram), Bright area warning, Detailed inf, Copyright Information (Photographer, Copyright holder), GPS information (Latitude, Longitude, Altitude, Time (UTC), Direction, Folder Display, Calendar Filmstrip Display, Slide Show   |
| <b>Delete</b>          | Delete single image, Delete all, Select & delete, Delete folder, Delete instant review image  |
| <b>Digital Filter</b>  | Base Parameter Adj, Extract Color, Replace Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Unicolor Bold, Bold Monochrome, Tone Expansion, Sketch, Water Color, Pastel, Posterization, Miniature, Soft, Starburst, Fish-eye, Slim, Monochrome   |
| <b>RAW Development</b> | RAW file select: Select Single Image, Select Multiple Images, Select a folder<br>RAW Development Parameter: File Format (JPEG), Aspect ratio, JPEG recorded pixels, JPEG Quality, Color Space, Distortion Correction, Peripheral Illumin. Corr., Lateral Chromatic Aberration Adj., Diffraction Correction, Color Fringe Correction, White Balance, Custom Image, Digital Filter, Sensitivity, Clarity Enhancement, Sensitivity, High-ISO NR, Shadow Correction |
| <b>Edit</b>            | Color Moiré Correction, Resize, Cropping (Aspect ratio and Slant adjustment available), Movie Edit (Divide or Delete selected frames), Capturing a JPEG still picture from a movie, Saving RAW data in buffer memory  |

## CUSTOMIZATION

|                              |   |
|------------------------------|---|
| <b>USER Mode</b>             | Up to 2 settings can be saved   |
| <b>Custom Functions</b>      | 28 items  |
| <b>Mode Memory</b>           | 12 items  |
| <b>Button Customization</b>  | RAW/Fx Button (One Push File Format, Bracketing, Optical Preview, Digital Preview, Shake Reduction, Select AF Point)<br>AF/AE-L button (AF1, AF2, Cancel AF, AE Lock) Separate customization for movie available<br>Various settings for the action of the e-dials in each exposure mode can also be saved. |
| <b>AF Customization</b>      | AF.S: Focus-priority/ Release-priority<br>1st Frame Action in AF.C: Release-priority/Auto/Focus-priority<br>Action in AF.C Continuous: Focus-priority, Auto, FPS-priority<br>Hold AF Status: OFF, Low, Medium, High<br>AF in Interval Shooting: Locks focus at 1st exposure, Adjusts focus for each shot    |
| <b>Text Size</b>             | Standard, Large   |
| <b>World Time</b>            | World Time settings for 75 cities (28 time zones)   |
| <b>AF fine Adjustment</b>    | ±10 step, Uniform adjustment, Individual adjustment (up to 20 can be saved)   |
| <b>Copyright Information</b> | Names of "Photographer" and "Copyright Holder" are embedded to the image file.<br>Revision history can be checked using the provided software.  |

## POWER SUPPLY

|                     |   |
|---------------------|---|
| <b>Battery Type</b> | Rechargeable Lithium-ion Battery D-LI109  |
| <b>AC Adapter</b>   | AC Adapter Kit K-AC128 (Optional)   |
| <b>Battery Life</b> | Number of recordable images:<br>(with 50% flash usage): approx. 410 images,<br>(without flash usage): approx.: 480 images<br>Playback time:<br>Approx. 270 minutes<br>* With a fully-recharged Rechargeable Lithium-ion Battery under the temperature at 23°C. Tested in compliance with CIPA standard.<br>Actual results may vary depending on the shooting condition. |

## INTERFACES

|                        |   |
|------------------------|---|
| <b>Connection Port</b> | USB2.0 (micro-B), HDMI output terminal (Type D) |
| <b>USB Connection</b>  | MSC/PTP   |

## INCLUDED ACCESSORIES

|                         |  |
|-------------------------|--|
| <b>Package Contents</b> | Strap O-ST132, Rechargeable Lithium-ion Battery D-LI109, Battery Charger D-BC109, Software (CD-ROM) S-SW156 <Mounted on the camera> Eye-cup FR, Hot shoe cover FK , Body Mount Cover |
| <b>Software</b>         | Digital Camera Utility 5   |

## SUPPORT FOR OPTIONAL ACCESSORIES

|                 |  |
|-----------------|--|
| <b>GPS Unit</b> | O-GPS1:Latitude, Longitude, Altitude, Time (UTC), Direction<br>Electronic Compass: ASTROTRACER |
|-----------------|--|

# PENTAX *K-S2*



## SPORT COLLECTION

|                                    | Art. Code | EAN           |
|------------------------------------|-----------|---------------|
| K-S2 WHITE/LIME) + 18-50WR         | 13950     | 0027075290792 |
| K-S2 BLACK/PINK + 18-50WR          | 13951     | 0027075290808 |
| K-S2 WHITE/RACING STRIPE + 18-50WR | 13956     | 0027075290853 |
| K-S2 BLACK/RACING STRIPE + 18-50WR | 13955     | 0027075290846 |



## NATURE COLLECTION

|                             | Art. Code | EAN           |
|-----------------------------|-----------|---------------|
| K-S2 FOREST GREEN + 18-50WR | 13952     | 0027075290815 |
| K-S2 DESERT BEIGE + 18-50WR | 13953     | 0027075290822 |
| K-S2 STONE GRAY + 18-50WR   | 13954     | 0027075290839 |