PENTAX

K-3 Ⅲ

PENTAX K-3 MarkⅢ

PENTAX believes in the future of SLR photography.

As the pioneer of SLR cameras in Japan, PENTAX has devoted all its assets its philosophy,
technologies and passion to the development of this remarkable camera.
The PENTAX K-3 Mark III: the new flagship of the APS-C-format SLR lineup.

Take a picture!

PENTAX
K-3 III

Go on a journey with K-3 Mark III

in Sweden

Shoot images as
if you were in a conversation
with the subject.

Position the camera, and look into its optical viewfinder.

You'll see the real beauty of the world,
beaming in the natural light.

What do you see in the scene?

What wonders have you discovered within it?

What is your preferred shooting angle?

How do you compose the image?

Compose an image as if you were having a
conversation with the subject, and with yourself.

The journey with your PENTAX K-3 Mark III continues.

The light danced all over the vast alpine plateau as the autumn weather quickly moved across it, I couldn't put the camera down.

Left: smc PENTAX-DA*16-50mmF2.8ED AL(IF) SDM Aperture: F8; Shutter speed: 1/200sec; Exposure compensation: 0.0EV; Sensitivity: ISO800; White balance: Multi Auto WB; Custom Image: Radiant
smc PENTAX-DA*55mmF1.4 SDM Aperture: F9; Shutter speed: 1/500sec; Exposure compensation: 0.0EV; Sensitivity: ISO400; White balance: Fluorescent Light (Daylight White); Custom Image: Bright
Middle: smc PENTAX-DA*50mmF1.4 SDM Aperture: F8; Shutter speed: 1/4000sec; Exposure compensation:0.0EV; Sensitivity: ISO200; White balance: Multi Auto WB; Custom Image: Landscape
Upper right/ Lower right: smc PENTAX-DA*55mmF1.4 SDM Aperture: F5.6; Shutter speed: 1/400sec; Exposure compensation: 0.0EV; Sensitivity: ISO400; White balance: CTE; Custom Image: Landscape

When the sun set and I was alone at the shoreline, the moon instantly appeared and I felt like I was on another planet.

Left: smc PENTAX-DA*16-50mmF2.8ED AL[IF] SDM Aperture: F14; Shutter speed:1.3sec; Exposure compensation: 0.0EV; Sensitivity: ISO400; White balance: Shade; Custom Image: Landscape Upper middle: smc PENTAX-DA*16-50mmF2.8ED AL[IF] SDM Aperture: F8; Shutter speed: 1/320sec; Exposure compensation: 0.0EV; Sensitivity: ISO200; White balance: Shade; Custom Image: Bright Lower middle: smc PENTAX-DA*16-50mmF2.8ED AL[IF] SDM Aperture: F8; Shutter speed: 1/200sec; Exposure compensation: 0.0EV; Sensitivity: ISO800; White balance: Multi Auto WB; Custom Image: Landscape Upper right: smc PENTAX-DA*16-50mmF2.8ED AL[IF] SDM Aperture: F10; Shutter speed: 1/8sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: Cloudy; Custom Image: Landscape Lower right: smc PENTAX-DA*50mmF1.4 SDM Aperture: F8; Shutter speed: 1/160sec; Exposure compensation: 0.0EV; Sensitivity: ISO400; White balance: CTE; Custom Image: Radiant

Go on a journey with K-3 Mark III

in Portugal

Enjoy the photographic process by making the most of your imagination.

How do you want to express the wonders you just found through the viewfinder?

When you encounter this task, broaden the limits of your imagination.

Visualize the final image, then choose the aperture, exposure and focus to make the image a reality.

Imagination is the source of great photography.

That's where you discover the great delights of an SLR camera.

WHAT IF I WAS ABLE TO GRAB THE WIND AND TAKE IT HOME WITH ME?
I HAD TO SHOOT SEVERAL FRAMES USING A SMALL APERTURE AND A FAST SHUTTER SPEED TO HAVE THE SCARF IN SHARP FOCUS.

I IMAGINED LOOKING THRU A VERY LONG TUNNEL. THE SHAPES AND SHADOWS WERE REPEATING THEMSELVES IN AN ENDLESS PATTERN. I ADJUSTED THE CAMERA SETTINGS IN ORDER TO HAVE EVERYTHING IN FOCUS.

Left: smc PENTAX-FA 31mmF1.8AL Limited Aperture: F2.5; Shutter speed: 1/1250sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: Cloudy; Custom Image: Landscape Upper right: smc PENTAX-FA 31mmF1.8AL Limited Aperture: F8; Shutter speed: 1/160sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: Daylight; Custom Image: Landscape Lower right: smc PENTAX-DA*55mmF1.4 SDM Aperture: F8; Shutter speed: 1/250sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: Daylight; Custom Image: Landscape

ON A LATE AFTERNOON WALK I FOUND A GROUP OF FRIENDS HAVING FUN IN THE WAVES. IT REMINDED ME OF MY CHILDHOOD. I CHANGED THE CAMERA SETTINGS TO REVEAL A WARM AND EXCEPTIONA DAY

Left: smc PENTAX-FA 31mmF1.8AL Limited Aperture: F4.0; Shutter speed: 1/160sec; Exposure compensation: 0.0EV; Sensitivity: ISO200; White balance:Cloudy; Custom Image: Natural Right: smc PENTAX-DA*55mmF1.4 SDM Aperture: F8; Shutter speed: 1/500sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: Daylight; Custom Image: Landscape

Go on a journey with K-3 Mark Ⅲ

in Japan

The specific colors gained through your impressions. Create the personal, memorable images that are all your own.

Capture the ambience,
colors and feelings that are engraved in your memory,
and save them in your photos.

This camera gives you the imaging power to faithfully express the colors of your own personal vision.

Capture images that truthfully recreate the colors and ambience of each specific moment,
by carefully adjusting the parameters.

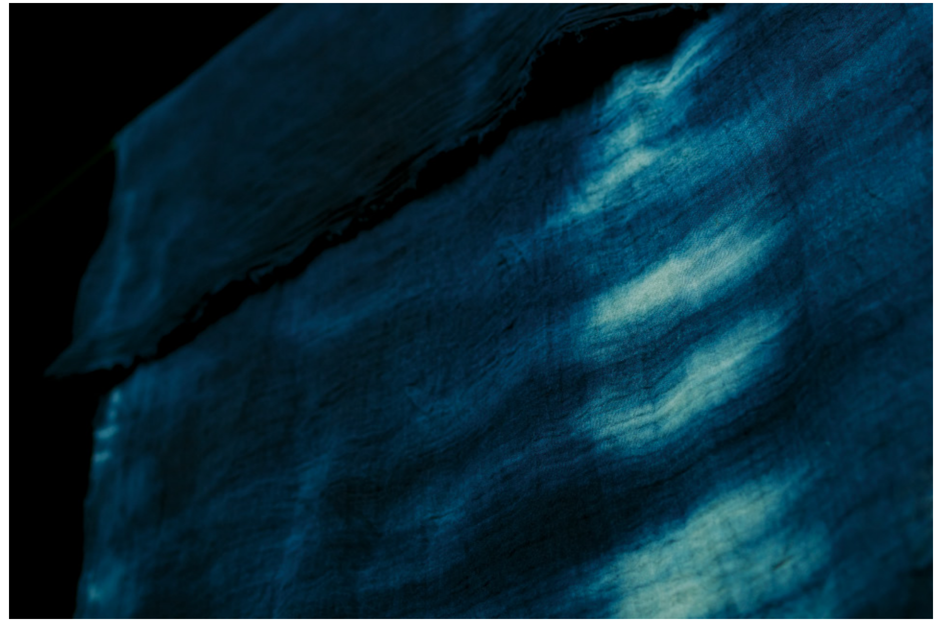
Enjoy every step of the imaging process,
the PENTAX way.

木漏れ日により浮かび上がる樹皮。ふと目に止まったその普遍的な光景。
カスタムイメージの「ほのか」を使用し、繊細に絡み合う豊かな色味と淡い光を表現した。

I spotted the bark highlighted by sunbeam. This ordinary scene caught my attention.
Choosing the Faint mode of the Custom Image function, I expressed its finely intertwined color pattern and delicate lighting conditions.

熱を宿すガラス、藍に染まる生地の美しさ。
実際の色味を崩さず、なおかつ心に刻まれた表現したい色を慎重に探る。

The heat of glass, and the beauty of indigo-dyed fabric.
I looked for the colors which faithfully expressed my impressions, while retaining the original colors.



Left: HD PENTAX-D FA 70-210mmF4ED SDM WR Aperture: F4; Shutter speed:1/800sec; Exposure compensation: -1.3EV; Sensitivity: ISO400; White balance: 4050 K; Custom Image: Muted Upper middle: smc PENTAX-DA★50-135mmF2.8ED[IF] SDM Aperture: F4; Shutter speed: 1/320sec; Exposure compensation: 0.7EV; Sensitivity: ISO200; White balance: 4700 K; Custom Image: Muted Lower middle: HD PENTAX-D FA 70-210mmF4ED SDM WR Aperture: F4; Shutter speed: 1/320sec; Exposure compensation: 0.0EV; Sensitivity: ISO100; White balance: 3770 K; Custom Image: Muted Upper right: smc PENTAX-DA★50-135mmF2.8ED[IF] SDM Aperture: F2.8; Shutter speed: 1/200sec; Exposure compensation: -1.3EV; Sensitivity: ISO1600; White balance: 3970 K; Custom Image: Muted Lower right: smc PENTAX-FA 31mmF1.8AL Limited Aperture: F3.2; Shutter speed: 1/125sec; Exposure compensation: -3EV; Sensitivity: ISO400; White balance: 4740 K; Custom Image: Muted

感情の赴くままに、劇的な光景を切り取る。目の前の光景に対する自分の中の印象を表現するために補色のパープルに色調を調整し、深い緑の表現を際立たせる。

Inspired by this spectacular scene, I cropped the scene to dramatize it. To truthfully recreate my impressions of the scene spreading out in front of me,
I shifted the base color to purple to highlight the rich, deep greens of this particular scene.

Left: HD PENTAX-DA 20-40mmF2.8-4ED Limited DC WR Aperture: F4; Shutter speed: 1/60sec; Exposure compensation: -2EV; Sensitivity: ISO400; White balance: 4230 K; Custom Image: Muted Right: HD PENTAX-DA 20-40mmF2.8-4ED Limited DC WR Aperture: F4; Shutter speed: 1/500sec; Exposure compensation: -0.3EV; Sensitivity: ISO800; White balance: 5680 K; Custom Image: Bleach Bypass

恐ろしく深い青。どこまでも深く、自分がその色に溶けてしまいそうな感覚に陥る。震えた指先を信じて託し、その色を刻む。この光景にはもう二度と出会う事はできないという重圧と共に。

Deep blues, which even look a little bit scary. I found myself falling into a world of deep blues, and was absorbed into it. To retain these colors, I gave my fingertips the job of conveying my sheer emotions. I released the camera shutter to preserve this scene one which I may never encounter again in my lilfe with a sense of overwhelming pressure.

Left: HD PENTAX-DA 20-40mm F2.8-4ED Limited DC WR Aperture: F4.5; Shutter speed: 1/200sec; Exposure compensation: 0.0EV; Sensitivity: ISO200; White balance: 4860 K; Custom Image: Muted Right: smc PENTAX-DA*50-135mm F2.8ED[IF] SDM Aperture: F4.0; Shutter speed: 1/2000sec; Exposure compensation: 0.0EV; Sensitivity: ISO640; White balance: 5140 K; Custom Image: Vibrant

High-grade viewfinder and superb operability, to deliver a truly immersive photographic experience available only with the PENTAX K-3 Mark III

High-performance optical viewfinder with approximately 1.05X magnification

NEW

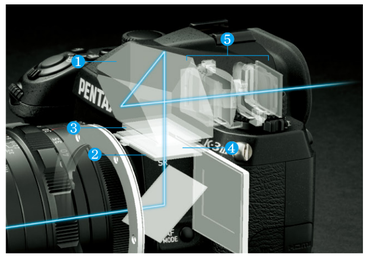
By incorporating a high-refraction glass pentaprism, the PENTAX K-3 Mark III's optical viewfinder provides an approximately 1.05-times magnification (with an FA 50mm lens set at infinity). It delivers a truthful, wide-view image, equal in angle of view to a full-frame SLR, to assure a truly immersive photographic experience — one unrivaled by other APS-C-format models. The viewfinder also produces a brighter viewfinder image, thanks to improved reflectance in the pentaprism, while newly designed optics provide a high-magnification image with natural, true-to-life image rendition.

Transparent LCD viewfinder display

The PENTAX K-3 Mark III's optical viewfinder features a transparent LCD viewfinder display that displays an expanded range of data. You can quickly and easily check and adjust camera settings without removing your eye from the viewfinder. It also lets you program the desired data on the monitor to facilitate camera operation.

K-3 Mark III
Viewfinder magnification: approx. 1.05X

K-3 II
Viewfinder magnification: approx. 0.95X

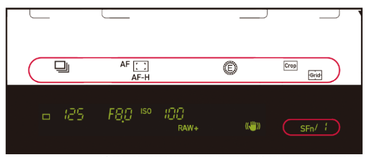


❶ High-refraction glass pentaprism ❷ Focusing screen ❸ Condenser lens
❹ Transparent LCD ❺ Eyepiece optical system

New-generation Smart Function

NEW

With a single push of the Smart Function button, the PENTAX-original Smart Function displays a list of up to five preprogrammed functions in the viewfinder window. Using the combination of the rear electronic dial (used for function selections) and the Smart Function dial (used for setting changes), you can replace functions without removing your eye from the viewfinder. Because the Smart Function lets you select and program the desired values for each function, you can more precisely customize it the way you like it.



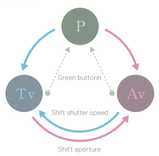
*Display changes depending on the assigned function or camera condition.

New-generation Hyper Operation system

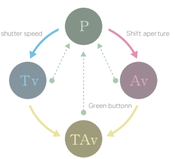
NEW

This PENTAX-developed system allows you to instantly shift the AE mode from P (Program) to Tv (Shutter-priority) or Av(Aperture-priority) without use of the mode dial. This upgraded system features a new Advanced mode, which assures greater flexibility in exposure control — as if shooting in the TAv (Shutter/Aperture-priority) mode (with automatic ISO sensitivity control) or in the M (Metered Manual) mode (with the ISO sensitivity set at a random value).

■ Standard



■ Advanced



Note: The diagram illustrates the Hyper Operation with ISO sensitivity set at Auto.

AF point selector lever

NEW

Installed on the camera's back panel, the new AF point selector lever assures more intuitive selection of an AF point to improve the ease and efficiency of operation during photo shooting. When you magnify the image displayed on the LCD monitor during Live View shooting or playback, this lever is also used to shift the image area. With a push of the lever, you can quickly restore the center -aligned image.

Eye sensor

NEW

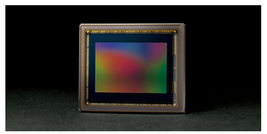
The camera's eyepiece features an eye sensor, which turns the LCD monitor off the moment the eye is raised up to the eyepiece ring. This not only lets you effortlessly switch operation between viewfinder shooting and confirmation/setting of on-screen menus, but also prevents the status screen from affecting visibility during shooting for greater viewing comfort.

Exceptional imaging power, to truthfully depict the scene the way the photographer sees it

Back-illuminated CMOS image sensor with approximately 25.7 effective megapixels

NEW

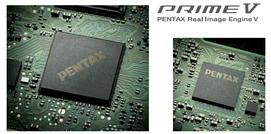
In pursuit of higher image quality, the PENTAX K-3 Mark III incorporates a back-illuminated CMOS image sensor with approximately 25.7 effective megapixels. It also features an AA (anti-aliasing)-filter-free design to maximize the camera's resolving power.



PRIME V imaging engine and second-generation accelerator unit

NEW

The PENTAX K-3 Mark III combines the newly developed PRIME V imaging engine with much-improved data processing capacity, and a second-generation accelerator unit, to assure flawless, high-speed image processing operations.



Accelerator unit

SR II for five-axis, 5.5-shutter-step camera shake compensation

NEW

The PENTAX K-3 Mark III's innovative SR II mechanism compensates for camera shake caused by horizontal and vertical shift, roll, pitch and yaw, with a wide compensation range of up to approximately 5.5 shutter steps* It also provides a Panning mode to capture sharply focused images of slow-moving subjects.

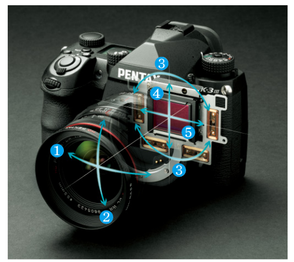
*The shutter speed used for still images were measured in conformity to CIPA standards, using an HD PENTAX-DA 16-85mm F3.5-5.6ED DC WR lens set at a focal length of 85mm.

AA filter simulator

Aided by the SR II mechanism, this simulator effectively minimizes moiré and false color.

Pixel Shift Resolution System

By taking advantage of the SR II mechanism, this innovative system captures four images of the same scene by slightly shifting the image sensor for each image to obtain all RGB color data for each pixel, then synthesizes the four images into a single, super-high-resolution composite image. The system also contributes to the reduction of false color and high-sensitivity noises.



❶❷ Pitch and yaw ❸ Roll ❹❺ Horizontal and vertical shift

Superb imaging power over the entire sensitivity range

NEW

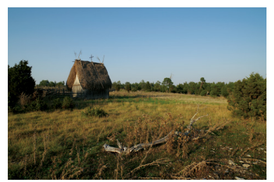
The PENTAX K-3 Mark III retains the subtle outlines of a subject through effective reduction of noise. It greatly improves the rendition of subject texture and detail, particularly in the lower sensitivity range. It also provides a top sensitivity of ISO 1,600,000.

ISO 204800

New-generation Fine Sharpness function

NEW

The PENTAX K-3 Mark III features the much-improved Fine Sharpness function, to more faithfully and finely reproduce the subject' s outline and detail. Preset as a default setting, this function captures the subject's details more naturally and sharply, while minimizing the adverse effect of noise.



Custom Image

This PENTAX-original function allows you to apply the desired finishing touch to a captured image. With a choice of 13 distinctive Custom Image modes, you can experiment with a variety of color schemes. You can even set the desired parameters for each mode

Vibrant

Bleach Bypass

Reversal Film

Parameter setting

CTE Color Temperature Enhancement

In contrast to the standard Auto White Balance mode, this unique mode adjusts the white balance setting to emphasize the image's dominant color to create a dramatic visual effect, for such subjects as sunrises and sunsets, fresh green leaves in spring or blue skies in summer.

AWB

CTE

Much-improved imaging tracking performance, to capture a split-second moment

NEW

High-speed drive system, with a top speed of approximately 12 images per second

Thanks to the combination of a newly developed mirror and shutter driving unit and the high-speed, high-performance PRIME V imaging engine, the PENTAX K-3 Mark III provides high-speed, continuous shooting with a maximum speed of approximately 12 images per second in the AF.S mode, or approximately 11 images per second in the AF.C mode.

*The continuous shooting speed may decrease depending on the type of lens used and/or the aperture, shutter speed and sensitivity selected by the user.
*A certain amount of time is required for the playback of images captured in the continuous shooting mode. The time required may vary depending on the number of captured images and/or the recording format.

High-precision image tracking

The PENTAX K-3 Mark III ensures sufficient time for the focusing operation of each image, even during high-speed, continuous shooting in the AF.C mode. Coupled with accurate detection of the optimum focus point, it assures high-precision autofocusing of subjects in motion.

NEW

High-speed, high-precision mirror and shutter driving unit

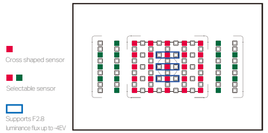
To minimize the effect of bounce created by the main and sub mirrors, the PENTAX K-3 Mark III incorporates a totally new mirror and shutter driving unit. By reducing the operation time for each image to almost two-thirds that required by conventional units (such as the one installed in the PENTAX K-3 II), it improves both the operation speed and imaging performance of the camera's AF system.

NEW

SAFOX 13 with 101 focus points

The number of focus points in the PENTAX K-3 Mark III has been increased to 101.* Coupled with the expanded AF area, the camera optimizes focusing accuracy and image tracking performance with all types of subjects. Its F2.8-sensitive light sensor operates even at -4EV illumination.**

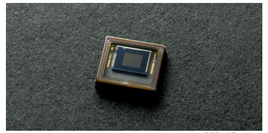
* 41 focus points are user-selectable (The number varies depending on the lens used.)
** At a focus point of an F2.8 luminance flux, with an F2.8-sensitive lens mounted on the camera body.



NEW

PENTAX Real-time Scene Analysis System with RGBIr AE sensor

Thanks to the combination of the high-resolution RGBIr AE sensor with 307,000 pixels and the latest Deep Learning technology, the PRIME V imaging engine features a new image recognition algorithm that greatly improves the camera' autofocusing performance, and assures more stable performance of the auto-exposure and auto-white-balance systems.



RGBIr AE sensor

Expanding the boundaries of photographic expression

Magnesium-alloy body, with dustproof, weather-resistant construction

The camera's top, bottom, front and rear panels are all made of magnesium alloy. This lightweight, highly rigid material protects the camera's internal mechanisms from shock and vibration and improves durability, while minimizing the increase in size resulting from the many functions incorporated into the camera. A total of 95 protective seals are used to make the camera body completely dustproof and weather-resistant. In combination with an AW- or WR-series lens,* the camera forms a highly airtight imaging system that assures dependable performance, even in adverse weather conditions. The camera body is also designed to be cold-resistant down to temperatures as low as -10°C.

*AW stands for All Weather; WR stands for Weather Resistant.

NEW

Dual SD-card slot compatible with UHS-II standard

The PENTAX K-3 Mark III provides a pair of SD card slots, which Slot 1 conforms to the UHS-II standard for high-speed data writing operation. It also provides a choice of three data recording modes: Sequential, Duplicate and RAW/JPEG Separation.

Touch-screen LCD monitor

NEW

The PENTAX K-3 Mark III features a large LCD monitor with a newly added touch-screen control function. By coupling it with the four-way controller and front/rear electronic dials, the camera assures speedy, flawless operation of on-screen menus.

Compatibility with classic lenses

Even when an classic lens is mounted, the camera not only lets you measure the light and capture images at closed-down aperture or in the TAv mode, but also saves the aperture value as Exif data. It also provides more segmented setting of the lens's focal length in SR (Shake Reduction) shooting. This compatibility lets you make good use of your valuable assets: old but cherished lenses.

DA Limited

Highly sensitive Limited-series lenses, designed for truthful image rendition

HD PENTAX-DA 20-40mm F2.8-4ED Limited DC WR
HD PENTAX-DA 15mm F4ED AL Limited
HD PENTAX-DA 21mm F3.2AL Limited
HD PENTAX-DA 35mm F2.8 Macro Limited
HD PENTAX-DA 40mm F2.8 Limited
HD PENTAX-DA 70mm F2.4 Limited
smc PENTAX-DA*55mmF1.4 SDM
smc PENTAX-DA*200mm F2.8ED [IF] SDM

DA Star

Top-of-the-line Star-series lenses, designed for uncompromising performance and breathtaking visual expression

HD PENTAX-DA*11-18mm F2.8ED DC AW
HD PENTAX-DA*16-50mm F2.8ED PLM AW (tentative name) Scheduled for the 2021
smc PENTAX-DA*50-135mm F2.8ED [IF] SDM
smc PENTAX-DA*60-250mm F4ED [IF] SDM
smc PENTAX-DA*300mm F4ED [IF] SDM

A wide selection of PENTAX APS-C-format lenses:

The perfect balance of compact, lightweight design and superb imaging performance

DA

A collection of distinctive lenses, developed by state-of-the-art PENTAX technologies

HD PENTAX-DA FISH-EYE10-17mmF3.5-4.5ED
HD PENTAX-DA 18-50mm F4-5.6 DC WR RE
HD PENTAX-DA 16-85mm F3.5-5.6ED DC WR
smc PENTAX-DA 18-55mm F3.5-5.6AL WR
smc PENTAX-DA 18-135mm F3.5-5.6ED AL [IF] DC WR
smc PENTAX-DA 18-270mm F3.5-6.3ED SDM
smc PENTAX-DA 50-200mm F4-5.6ED WR
HD PENTAX-DA 55-300mm F4.5-6.3ED PLM WR RE
HD PENTAX-DA 55-300mmF4-5.8ED WR
smc PENTAX-DA 14mmF2.8ED [IF]
smc PENTAX-DA 35mmF2.4AL
smc PENTAX-DA 40mmF2.8 XS
smc PENTAX-DA 50mmF1.8
HD PENTAX-DA 560mmF5.6ED AW
HD PENTAX-DA AF REAR CONVERTER 1.4X AW

Specifications

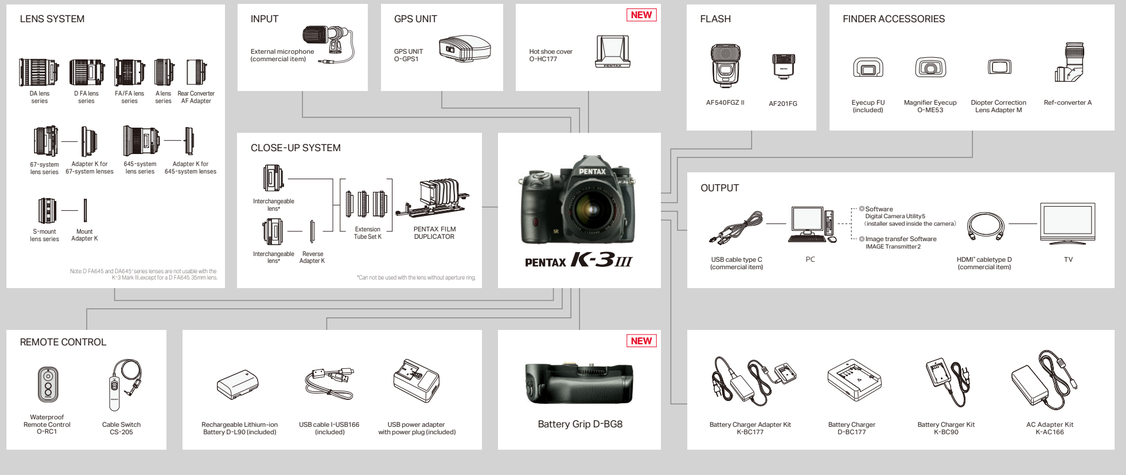
Model Description	Type	TTL autofocus, auto-exposure SLR digital-still camera
	Lens Mount	PENTAX KAF2 bayonet mount (AF coupler, lens information contacts, K-mount with power contacts)
	Compatible Lens	KAF4, KAF3, KAF2 (power zoom compatible), KAF, KA mount lens
Image Capture unit	Image Sensor	Primary color filter, CMOS; Size: 23.3x15.5(mm)
	Effective Pixels	Approx. 25.73 megapixels
	Total Pixels	Approx. 26.78 megapixels
	Dust Removal	Image sensor cleaning using ultrasonic vibrations "DR II"
	Sensitivity (Standard output)	ISO AUTO / 100 to 1600000 (EV steps can be set to 1EV, 1/2EV or 1/3EV)
	Image Stabilizer	Sensor-shift shake reduction "SR (TS-sva) Auto / Panning / Off
	AA Filter Simulator	Moiré reduction using SR unit. OFF / Low / High / Bracketing (2 images) / Bracketing (3 images)
File formats	File format	RAW (PEF/DNG), JPEG (Exif 2.3), DCF2.0 compliant
	Recorded Pixels	JPEG: L (26M: 6192×4128)、M(15M: 4752×3168)、S(9M: 3648×2432)、XS(2M: 1920×1280)　RAW: (26M: 6192×4128)
	Quality Level	RAW(14bit): PEF, DNG JPEG: ★★★ (Best), ★★ (Better), ★ (Good), RAW+JPEG simultaneous capturing available
	Color Space	sRGB、Adobe RGB
	Storage Medium	SD、SDHC and SDXC Memory Card (Conforms to USH-I; UHS-II standards) (UHS-II is only available with SD1 slot)
	Dual SD slot	Sequential Use, Save to Both, Separate RAW/JPG, Image copy between slots possible
	Storage Folder	Folder Name: Date (100_1018,101_1019..) or User assigned folder name (Default "PENTX")
	Recording File	File Name: "IMGP*****" or User assigned file name　File name numbering: Sequential, Reset
Viewfinder	Type	Pentaprism Finder
	Coverage (FOV)	Approx. 100%
	Magnification	Approx. 1.05x (FA 50mm F1.4 at infinity)
	Eye-Relief Length	Approx. 20.5mm (from the view window), Approx. 22.0mm (from the center of lens)
	Diopter adjustment	Approx. -4.0m-to+1.0m-1
	Focusing Screen	Natural-Bright-Matte III focusing screen
	Viewfinder Overlay	AF Points, Grid Display, Electronic Level, AF Frame, Spot Metering Frame, Crop, Smart Function, Operation Control Lock
Live View	Type	TTL method using image sensor
	Focusing Mechanism	Contrast detection (Auto Area, Zon Select, Tracking, Select (L/M/S), Spot)
	Functions	Focus Peaking, Face detection, Touch AF
	Display	Field of View approx. 100%, Magnified view (up to 16x), Grid Display (4x4 Grid, Golden Section, Scale, Square(L), Square(S), Grid Color: Black / Gray / White), Histogram, Bright area warning, Composition Adjustment
LCD Monitor	Type	Wide viewing angle TFT color LCD, Air-gapless glass
	Size	3.2-inch (aspect ratio 3:2)
	Dots	Approx. 1620K dots
	Touch Screen	Capacitive sensing method
	Adjustment	Brightness, Saturation and Colors adjustable
	Outdoor View Setting	Adjustable ±2 step
	Night Vision LCD Display	ON / OFF
White Balance	Type	Method using a combination of the image sensor and the RGBir sensor
	White Balance	AUTO WB, Multi Auto WB, Daylight, Shade, Cloudy, Fluorescent Light (D:Daylight Color, N:Daylight White, W:Cool White, L:Warm White), Tungsten Light, CTE, Manual WB (up to 3 settings), Color Temperature Configuration (up to 3 settings), Copying the white balance setting of a captured image
	Fine Adjustment	Adjustable ±14 steps on A-B axis or G-M axis
Autofocus System	Type	TTL: Phase-matching autofocus
	Focus Sensor	SAFOX 13, 101 point (25 cross type focus points)
	Brightness Range	EV -4 to 18 (ISO 100 / at normal temperature)　*-4EV with luminance flux based on F2.8 levels
	AF mode	Single AF (AF.S), Continuous AF (AF.C)
	AF Point Selection	Auto Area, Zone Select, Select, Expanded Area(S, M, L), Select (S), Spot
	AF Assist Light	Dedicated LED AF assist light
Metering	Type	TTL open aperture metering using 307K pixel RGBir sensor, Multi-segment, Center-weighted, Spot and Highlight-weighted
	Metering Range	EV-3 to 20 (ISO100 at 50mm F1.4)
	Exposure Mode	Scene Analyze Auto, Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter & Aperture Priority, Manual, Bulb, Flash X-sync Speed, USER1, USER2, USER3, USER4, USER5
	EV Compensation	±5EV (1/2EV steps or 1/3EV steps can be selected)
	AE Lock	Button type/timer type: two times the meter operating time set in Custom Setting. Continuous as long as the shutter button is halfway pressed
Drive Modes	Mode Selection	Single Frame, Continuous (H, M, L), Bracketing (2, 3 or 5 frames), Depth of Field Bracketing, Motion Bracketing, Mirror-up, Multi-Exposure(Average / Additive / Bright), Interval Shooting, Interval Composite
	Self-timer	12s, 2s
	Remote Control	0s, 3s
	Continuous Shooting	Max. approx. 12 fps, JPEG (L: ★★★ at Continuous H) up to approx. 37 frames, RAW: up to approx. 32 frames, RAW+: up to approx. 30 frames Max. approx. 7.0 fps, JPEG (L: ★★★ at Continuous M) up to approx. 60 frames, RAW: up to approx. 37 frames, RAW+: up to approx. 33 frames Max. approx. 2.5 fps, JPEG (L: ★★★ at Continuous L) up to approx. 90 frames, RAW: up to approx. 39 frames, RAW+: up to approx. 37 frames *The number of images captured in the continuous shooting mode is an approximate figure, tested at a sensitivity of ISO 100. The number may vary depending on the type of memory card used and/or the photographic conditions. *The continuous shooting speed may decrease depending on the type of lens used and/or the aperture, shutter speed and sensitivity selected by the user. *A certain amount of time is required for the playback of images captured in the continuous shooting mode. The time required may vary depending on the number of captured images and/or the recording format.

External Flash	Flash Modes	Auto Flash Discharge, Auto Flash + Red-eye Reduction, Flash On, Flash On + Red-eye Reduction, Slow-speed Sync, Slow-speed Sync + Red-eye, P-TTL, Contrast-control-sync, High-speed sync, Wireless sync *Contrast-control-sync and High-speed sync requires 2 or more dedicated external flash
	Sync Speed	1/200sec.
	Flash Exposure Compensation	-2.0 to + 1.0EV
Shutter	Type	Electronically controlled vertical-run focal plane shutter　*Electronic shutter when using Pixel Shift Resolution
	Shutter Speed	Auto:1/8000 to 30 sec, Manual:1/8000 to 30 sec.(1/3EV steps or 1/2EV steps), Bulb(Timed exposure setting possible from1 sec. to 20min.)
Capture Settings	Custom Image	Auto Select, Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Flat, Bleach Bypass, Reversal Film, Monochrome, Cross Processing
	Cross Process	Random, Preset 1-3, Favorite 1-3
	Digital Filter	Extract Color, Replace Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Unicolor Bold, Tone Expansion, Bold Monochrome, Grainy Monochrome
	Clarity	Adjustable ±4 step
	Skin Tone	Type1 / Type2
	HDR	Auto, HDR1, HDR2, HDR3, Advanced HDR, Exposure bracket value adjustable, Automatic composition correction function
	Pixel Shift Resolution	Available, Motion Correction On / Off
	Lens Correction	Distortion Correction, Peripheral Illumin. Correction, Lateral Chromatic Aberration Correction, Diffraction Correction
	D-Range Correction	Highlight Correction, Shadow Correction
	Noise Reduction	Slow Shutter Speed NR, High-ISO Noise Reduction
	Horizon Correction	SR On: correction up to 1 degrees, SR Off: correction up to 2 degrees
	Composition Adjustment	Adjustment range of ±1.5mm up, down, left or right (1mm when rotated); Rotating range of ±1 degree
	Electronic Level	Displayed in viewfinder (Horizontal and vertical); Displayed on LCD monitor (Horizontal and vertical)
	Program Line	AUTO, Normal, Hi-speed Priority, DOF Priority (Deep), DOF Priority (Shallow), MTF Priority
Movie	File Format	MPEG-4 AVC / H.264 (MOV)
	Recorded Pixels	4K(3840×2160, 30p/24p)　Full HD(1920×1080, 60p/30p/24p)
	Sound	Built-in stereo microphone, external microphone (stereo recording compatible)Recording sound level adjustable, Wind Noise Reduction
	Recording Time	Up to 25 minutes or 4GB ; automatically stops recording if the internal temperature of the camera becomes high.
	White Balance	AUTO WB, Daylight, Shade, Cloudy, Fluorescent Light (D:Daylight Color, N:Daylight White, W:Cool White, L:Warm White), Tungsten Light, CTE, Manual WB (up to 3 settings), Color Temperature Configuration (up to 3 settings), Copying the white balance setting of a captured image
	Custom Images	Auto Select, Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Flat, Bleach Bypass, Reversal Film, Monochrome, Cross Processing
	Cross Processing	Random, Preset 1-3, Favorite 1-3.
	Digital Filter	Extract Color, Replace Color, Retro, High Contrast, Invert Color, Unicolor Bold, Bold Monochrome
Playback	Playback View	Single frame, Multi-image display (20, 48, 70 segmentation), Display magnification (up to 16, 100% display, quick zoom and Focus Magnification available), Grid display (4×4 Grid, Golden Section, Scale, Square[L], Square[S], Grid Color: Black / Gray / White), Rotating, Histogram (Y histogram, RGB histogram), Bright area warning, Auto Image Rotation, Detailed information, Copyright Information (Photographer, Copyright holder), GPS information (latitude, longitude, altitude, Coordinated Universal Time) , Orientation, Folder Display, Calendar Filmstrip Display
	Delete	Delete single image, Delete all, Select & delete, Folder delete, Calender delete, Delete instant review image
	Digital Filter	Base Parameter Adj, Extract Color, Replace Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Unicolor Bold, Tone Expansion, Bold Monochrome, Grainy Monochrome, Miniature, Soft, Fish-eye, Slim, Monochrome, Frame Composite
	RAW Development	RAW file select: Select Single Image, Select Multiple Images, Select a folder, Select a shooting date　RAW Development Parameter: White Balance, Custom Image, Sensitivity, Digital filter, Clarity, Skin Tone, HDR, Pixel Shift Resolution, Distortion Correction, Peripheral Illumin. Corr., Lateral Chromatic Aberration Correction, Diffraction Correction, Color Fringe Correction, High-ISO Noise Reduction, Shadow Correction, File Format (JPEG / TIFF), JPEG Recorded Pixels, JPEG Quality, Aspect Ratio, Color Space
	Edit	Protect, Image Rotation, Image Copy, File Transfer, Save RAW Data in buffer memory, Resize, Cropping (Aspect ratio and Slant adjustment available), Levels Adjustment, WB Adjustment, Color Moiré Correction, Movie Edit (Divide or delete selected frames), Capturing a JPEG still picture from a movie
Customization	Settings	USER Mode, Fx Button, AF/AE Lock Settings, Preview Dial, E-Dial Programming, Smart Function, Monitor Touch Opperation, Eye Sensor, Viewfinder Display, LCD Panel, Monitor Display, Instant Review, Zoom Review, Warning Display, Control Panel, Memory, EV Steps, ISO Sensitivity Steps, Color Temperature Steps, Input MF Lens Focal Length, Save Rotation Information, Aperture Information Record, AF Fine Adjustment, Copyright Information
	Language	English, French, Germany, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Traditional Chinese, Simplified Chinese, Japanese
Power supply	Battery Type	Rechargeable Lithium-ion Battery D-LI90
	AC Adapter	AC Adapter Kit K-AC166 (Optional)
	Battery Life	Number of recordable images: Approx. 1800 images　Playback time: Approx. 250 minutes *With a fully-recharged Rechargeable Lithium-ion Battery, Tested in compliance with CIPA standard. Actual results may vary depending on the shooting condition.
Interfaces	Connection Port	USB Terminal (USB Type-C), External cable switch terminal (2.5mm diameter), X-sync socket, HDMI output terminal (Type D), Stereo microphone input terminal, Headphone terminal
	USB Connection	USB 3.2 Gen1, Data Transfer: MTP/ CD-ROM, Battery Recharge/Power Supply (Optional AC Adapter required)
Wireless LAN	Standards	IEEE 802.11b/g/n
	Frequency (Center Frequency)	2412MHz ～ 2462MHz (1ch ～ 11 ch)
	Security	Authentication: WPA2, Encryption: AES
Bluetooth	Standards	Bluetooth® v4.2 (Bluetooth Low Energy)
	Frequency (Center Frequency)	2402MHz ～ 2480MHz (CH0 ～ CH39)
Dimensions and Weight	Dimensions	Approx. 134.5mm (W) x 103.5mm (H) x 73.5mm (D) (excluding protrusions)
	Weight	Approx. 820g (including dedicated battery and SD Memory Card), Approx. 735g (body only)
Operating Environment	Temperature	-10°C ～ 40°C (14°F ～ 104°F)
	Humidity	85% or less (no condensation)
Accessories	Included	Strap O-ST162, ME Viewfinder Cap, Rechargeable Lithium-ion Battery D-LI90, USB Power Adapter, Power Plug, USB Cable I-USB166<Mounted to the camera> Eyecup FU, Hot shoe cover FK, Sync socket 2p cap, Body-mount cap Kf, Battery Grip terminal cover
	Software for PC	Digital Camera Utility 5 (Installer saved inside the camera)

PENTAX K-3 Mark III

System Configuration

*There are limitation when combining lenses and accessories. For details, contact your nearest service center.



PENTAX K-3 Mark III
Black

PENTAX K-3 Mark III
Silver

THE FIVE PRINCIPLES OF PENTAX

Five principles that express the philosophy of PENTAX.

Principle 1 :

We design new cameras through sheer devotion.

It is our intention to produce cameras that will be the preferred choice for photo enthusiasts, because we love photography and have an in-depth knowledge and understanding of cameras.

Principle 2 :

Our goal is to produce cameras with the power to capture images that allow for direct communication with the subject.

We intend to design cameras that create memorable images, that make us feel as if we're connecting directly with the subject, capturing our imagination and captivating our senses.

Principle 3 :

We design cameras that allow our users to enjoy all the processes involved in taking a picture.

We pursue every essential element involved in the joy of photography. From looking through the viewfinder to composing the image, focusing on the subject and releasing the shutter.

Principle 4 :

We pursue a level of quality and performance that can't be measured by numbers alone.

We produce our cameras not only by pursuing higher performance based on numerical values, but by integrating our designers' sensory feedback into the design and development.

Principle 5 :

We respect and value the photographic experiences of our users and view this as an invaluable asset.

We want to share all the inspiring experiences of our users, from the hardware to the shooting processes, creating and viewing the images.

PENTAX K-3 Mark III［Product information］ www.ricoh-imaging.co.jp/english/products/k-3-3/

Attention | In order to use PENTAX products properly and safely, you are strongly advised to read the operating manuals carefully and thoroughly before use.

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