

K200D

SIMPLY. CREATIVE.



PENTAX



It does it all. And simply.

THE REAL STRENGTH OF SLR TECHNOLOGY IS THAT IT CAN DELIVER HIGH-QUALITY AND IMPRESSIVE IMAGES IN ALMOST ANY SITUATION. THAT'S BECAUSE IT CAPTURES THE WIDEST RANGE OF INFORMATION THAT INFLUENCE ALL THE POSSIBILITIES THAT GO INTO CREATING THE ULTIMATE FINAL IMAGE. THE STRENGTH OF THE K200D: IT BRINGS NEW CREATIVE OPPORTUNITIES TO THE PHOTOGRAPHER THAT ARE SIMPLE TO CAPTURE, WHILST BEING EASY TO USE.

FROM 0 TO 800 IN 1 SECOND: PENTAX PRIME.

Demanding digital technology requires the highest computing power performance during data processing. The PRIME processor (PENTAX Real Image Engine) developed by PENTAX ensures that the K200D packs all the computing punch necessary. Data communication rates up to 800 MB/sec guarantee smooth operation without delays. This also allows the K200D to take a series of shots at up to 3 pictures per second.

A LOT OF ROOM FOR FEELING: A 10.2 MEGAPIXEL RESOLUTION CCD.

Great feeling can be found in the details. The high resolving power of the K200D's image sensor supplies photographs of impressing depth and brilliance. It provides great photos in every sense of the word. The results of the camera are not only captivating with its image quality, it can easily provide problem-free high-quality prints up to 50x70cm in size – and even larger prints are possible with outstanding results. The 10.2 Megapixel resolution also means that impressive enlargements can be made from a cropped area of the original shot without having to accept a noticeable loss of quality.

A PLACE OF STABILITY: PENTAX SHAKE REDUCTION.

Even photography must obey the laws of physics. One proof of this are images that aren't perfectly clear due to camera shake: if the camera is not kept sufficiently steady at the moment the shutter is released the pictures will be blurred. The PENTAX Shake Reduction system substantially decreases the possibility of blur caused by camera shake by effectively steadying your hand. This is done by increasing the range of shutter speeds that you can hand hold the camera for. The result is brilliant photos in critical situations. An added bonus: since the Shake Reduction is integrated in the camera body it is fully functional with any PENTAX lens.

A FINE DIFFERENCE: PENTAX DYNAMIC RANGE ENLARGEMENT (DRE).

Time and again we find situations that push the limit of the camera to control high contrast levels. A good example: a picture of a person in front of a brightly illuminated background will almost always turn out too dark. With the PENTAX Dynamic Range Enlargement you'll find greater detail in shots taken in demanding conditions.

DON'T GIVE DUST A CHANCE: PENTAX DUST ALERT.

Dust particles on the sensor can ruin the best pictures. That's why PENTAX has refined the Dust Removal System in such a unique way. Dust Alert is able to clearly locate persistently adhering particles and to accurately indicate their position on the camera's monitor. This makes it simple to remove the contamination with the Cleaning Stick that is available as an accessory.

YOU HAVE TO CATCH THE LIGHT TO CAPTURE THE MOMENT.

Light is clever. On one hand it reassures us that the world is a familiar, trusted and friendly place. On the other hand light can bring a changeable new perspective to everything. For photographers it is fascinating to follow these changes and to try to capture strong images of people, places, objects or landscapes. PENTAX understands this fascination. That is why we have spent decades finding creative new solutions that set the standard in photography.

The new PENTAX K200D is a prime example. For people who want more freedom, increased opportunity and more pure pleasure from their photography the K200D opens the door to the ultimate expression of creativity: digital SLR photography. The huge pallet of technological features that the K200D musters makes it a leading camera in its class. It links its high level of performance with a user-friendliness that makes the entrance into SLR photography an inspiring experience.





Immune to the four enemies of photography.

CAMERA SHAKE, DUST, LIMITED CONTRAST RANGE, INCLEMENT WEATHER. EACH OF THESE PRESENTS A RENEWED CHALLENGE FOR PHOTOGRAPHERS VIRTUALLY EVERY TIME THEY GO OUT TO SHOOT. THE NEW PENTAX K200D OFFERS NEW TECHNOLOGIES TO COMBAT THESE EVERY-DAY ANNOYANCES – ALLOWING YOU TO CONCENTRATE ON CAPTURING EXPRESSIVE AND STRONG IMAGES.

1

“BLUR” IS SUCH A SILLY WORD. NOW SIMPLY IGNORE IT.

When you're on the go with your camera most of your shots will be hand-held. In fast moving situations there is always the risk of blurred shots due to camera shake. Whether the lighting conditions require long shutter speeds or because the camera, for whatever reason, can't be held sufficiently steady.

The PENTAX Shake Reduction system substantially increases your chances of getting a sharp image. When the camera's gyro sensor registers movement the highly efficient, opto-magnetical sensor technology ensures that the image sensor implements a counter-movement neutralizing blur. The result: pin sharp images.

PENTAX Shake Reduction gives the photographer an additional hand-holdable exposure range of 4EV – that's 4 full stops! Here's another important characteristic of the system to consider: it is an integral component of the camera body so it's fully functional with any PENTAX lens.

2

DUST IS SERIOUS MATTER. TAKE IT IN YOUR STRIDE.

PENTAX Dust Alert is the logical and unique addition of the Dust Removal Function. It has been shown that under certain conditions dust particles that were not moved with vibration can remain clinging to the sensor. PENTAX Dust Alert locates these persistent particles and precisely indicates their location. The sensor can then be easily and accurately cleaned with a Cleaning Stick that is available as an optional accessory.

2



3

THE THING ABOUT SENSITIVITY.

No camera – whether film or digital – can capture contrast differences to the same range as the human eye. For example, the face of a person in a backlit situation often raises problems. The same applies to the intricate surface design of a bright object set against a dark background. With the new Dynamic Range Enlargement your photos take a major step forward. The PENTAX DRE function performs an amazing feat: it extends the contrast range of the picture by a full exposure stop.

The result: a more evenly modulated image with rich details emerging from darker ranges and restored detail in the brighter areas. These photos will clearly show greater spatiality and tension.

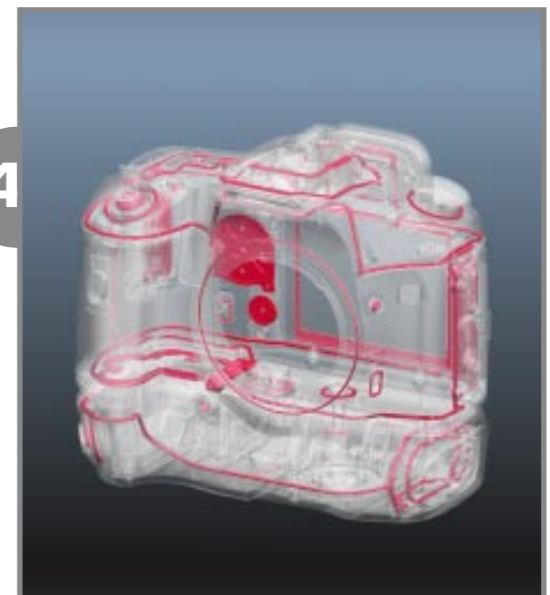
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4

HERMETICALLY SEALED: DUST AND SPLASH-PROOF BODY.

With the PENTAX K200D all weather is photography weather. 60 seals on the body and 14 on the battery grip ensure that moisture, dust and sand cannot wear at the camera. Additionally, the fibreglassreinforced polycarbonate housing with high-grade steel chassis offers the necessary robustness to stand up to the rigorous demands of daily use.

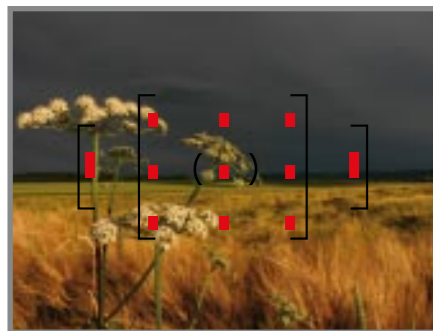
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You have the idea. For the rest you have the camera.

IT IS ONE THING TO BE CAPTIVATED BY A SCENE. BUT IT IS SOMETHING ELSE TO FEEL COMPELLED TO CAPTURE IT PERFECTLY WITH THE CAMERA. THE K200D SUPPORTS YOU HOWEVER YOU WANT. WHETHER THE CAMERA AUTOMATICALLY MAKES ALL THE APPROPRIATE SETTINGS OR YOU SELECT THE PARAMETERS YOURSELF: THE K200D ADAPTS TO YOUR IDEAS.



11 POINTS TO LOOK OUT FOR: THE AUTOFOCUS.

The expressive strength of a photo is substantially determined by the focus point. The 11-Point Autofocus system of the K200D gives you a comprehensive choice of position. Each of the 11 measuring points can be individually manually selected in order to specify the critical focus point according to your own decision. In the automatic mode the camera recognizes the closest object and focuses on that. In dynamic autofocus the focus is continually adjusted. With selected PENTAX lenses the focus can also be instantly readjusted by hand or you can always choose to focus completely manually. In each case the 9 cross and 2 vertical sensors ensure razor-sharp results.

UNDERSTANDING LIGHT: EXPOSURE MEASUREMENT.

Light is another crucial factor that exerts a strong influence on the quality of a photo. The exposure system of the K200D works with 16 specific metering fields. These individual fields supply precise data regarding the varying brightnesses of the scene to ensure optimum exposure. In order to evaluate individual areas more precisely the K200D also offers both centre-weighted metering and spot metering. The exposure metering area can also be set in conjunction with the focus point for especially tricky situations.

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SENSITIVITY IS THE PROGRAMME: ISO RANGE AND SV AUTOMATIC.

The K200D works within the ISO range of ISO 100 and 1,600. It also allows you to manually select an intermediate value ISO. What's more, in the automatic mode you can define a specific range of ISO values from which the camera can make the optimum selection depending on each shooting situation. With the Sv-Automatic mode the sensitivity can be freely selected with a simple turn of the adjusting dial. The camera will then automatically select the optimum aperture and shutter speed. In the Sv-Automatic mode the current ISO value can be seen in the viewfinder at any time by the simple press of a button.

CONTROL IS THE KEY: AUTO-BRACKETING.

There are certain lighting situations that present the photographer with a real challenge. It's best to play it safe from the beginning and the Auto-bracketing mode can offer valuable assistance. By taking a series of 3 exposures ranging from under- to over-exposure you can be assured of a perfectly exposed and successful shot.

ANYTHING IS POSSIBLE: PICTURE MODES AND AUTOMATIC FUNCTIONS.

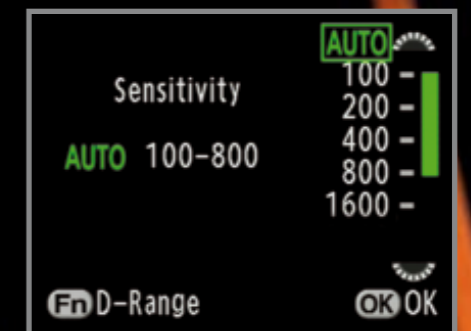
Excellent picture results require precise camera settings. To handle most standard situations the K200D offers a number of dedicated Picture Modes. Among these special modes are selections that ensure the best possible portraits, macro or sport photographs. Another special characteristic of the K200D: the camera can independently recognize the situation and conditions in which you're shooting and automatically select the best mode. Additionally there are various scene programs available that can, for example, change the white balance or simulate use of filters so that you can further influence the final results of your image.

For automatic operation the K200D offers various options: in the "P" setting the camera adjusts all the settings automatically. The ISO-Priority mode (Sv) calculates shutter speed and aperture based on your selected ISO value. The Shutter Priority mode (Tv) selects the optimum aperture for the selected shutter speed, while the Aperture Priority mode (Av) selects the precise shutter speed for the set aperture.

ENOUGH ENERGY FOR 1001 IDEAS.

The new K200D not only produces astonishingly good images, but also an astonishing number of them. The power management of the camera provides for extremely efficient handling of battery power. Four AA lithium cells are enough for approximately 1,000 photographs. Even if you use the flash a lot you can still take about 500 shots before recharging. Of course a full set of lithium batteries is supplied with the camera.

K200D





We put more in so that you can get more out.

REALITY IS A MATTER OF PERSPECTIVE. IT IS CONTINUOUSLY CHANGING BEFORE YOUR VERY EYES. THAT'S WHAT MAKES PHOTOGRAPHY SO FASCINATING. THAT IS WHY THE CAMERA MUST BE INSTINCTIVELY EASY TO USE IF IT IS TO CAPTURE THE POINT OF VIEW AND THE MOOD OF THE PHOTOGRAPHER. IT MUST WORK FAST, BE INTUITIVE TO YOUR NEEDS AND STILL LEAVE ROOM FOR YOUR CREATIVITY.



VERY REASSURING: THE RECORDABLE DIGITAL PREVIEW.

The digital preview is the ideal tool to examine the effect of the various camera settings. Individual settings can be readjusted and fine-tuned while looking at the screen: you can alter white balance, contrast or colour saturation and immediately see how the photo changes. The preview picture can also be magnified for more precise evaluation. An additional help: the RGB histogram and the over-exposure warning are clearly displayed.

Often enough the first preview shot is the one that you're after. If this were the case, it would be annoying to have to shoot it again to "really" capture it – that is why the K200D lets you store the preview picture. Just another logical and unique function offered only by PENTAX.

AT THE HEART OF IT ALL: THE PENTAMIRROR.

The optical viewfinder is perhaps the central feature of SLR technology. It allows you to see the scene exactly as it will be shot. A bright, clear viewfinder allows for a perfect evaluation of the focus and composition under unfavourable lighting conditions. With a 96% image view and 0.85x magnification the viewfinder of the K200D offers a viewing quality that you simply won't find in comparable cameras.



THE EYE CATCHING: A LARGE DISPLAY MONITOR.

The K200D is one of the most compact DSLRs on the market. However, with a screen diagonal of 6.9cm its monitor is one of the largest. Not only in size, but also in image quality. Its 230,000 dots supply pin-sharp image viewing that can be clearly seen from an angle of up to 160°.



GET RESULTS: IMAGE PROCESSING IN THE CAMERA.

The processing of the image fundamentally begins the moment the picture is taken. Before releasing the shutter the photographer can decide whether the colour tonal range should be neutral or bright and more saturated. The parameters for saturation, sharpness, contrast and colour can be precisely adjusted and stored according to own preferences. Filters are additional influential tools that are at your disposal. Whether for colour or black-and-white photography, the PENTAX K200D offers numerous possibilities for manipulating your images either at the time you're taking them or later on while reviewing your shots.

Photos that are shot in RAW can be manipulated directly in the camera and stored as JPEG files. Many parameters can be influenced during manipulation: e.g. resolution, white balance, chroma, and sharpness.



THE BUTTON WITH A BRAIN: PROGRAMMABLE RAW BUTTON.

It goes without saying that the K200D lets you store your photos in the loss-free RAW format. Changing from JPEG format to RAW format is no longer just in the realm of the dedicated specialist: now all it takes is the press of a button. Press it again to switch from RAW back to JPEG. It's as easy as can be, thanks to the programmable RAW key. You can specify which configuration is to be used when pressing the button. Your options: save image as a RAW file, save as both a RAW and as a JPEG file or only as a JPEG. Which mode should be active when the camera is switched on is set just as easily. For maximum compatibility the RAW data of the K200D is also recordable in the universal DNG format.



SMC PENTAX DA* 16-50MM F/2.8 ED AL [IF] SDM

- > The ultimate standard zoom lens
- > Ultrasonic autofocus
- > Constant maximum aperture of f/2.8
- > Quick Shift Focus System enables manual focus correction while in autofocus mode
- > Dirt-resistant PENTAX SP Coating on front lens element

SMC PENTAX DA* 50-135MM F/2.8 ED [IF] SDM

- > Outstanding zoom lens in the medium telephoto range: 75-205mm (35mm film equivalent)
- > Ultrasonic autofocus
- > First class lens construction with fast constant maximum aperture
- > Inner focussing
- > Dirt-resistant PENTAX SP Coating on front lens element



SMC PENTAX DA 35MM F/2.8 MACRO LIMITED EDITION

- > First macro lens of the renowned Limited Range
- > Magnification to 1:1
- > Aluminium tube
- > Built-in lens hood



SMC PENTAX DA 18-250MM F/3.5-6.3 ED AL [IF]

- > Enormous zoom range of 18-250mm (28-383mm 35mm film equivalent)
- > All purpose lens: from wide-angle to telephoto
- > Minimum focussing distance 45cm
- > Effective compensation against colour shifts through the use of high-quality aspherical lens elements (AL) and ED lens elements



Objectively better.

BROADEN YOUR HORIZONS TO NEW POSSIBILITIES. IT DOESN'T MATTER HOW YOU SEE THE WORLD: PENTAX HAS THE PERFECT LENS TO SET YOUR IDEAS BRILLIANTLY INTO THE FRAME.

INDIVIDUALLY CLASSIC, TOGETHER UNBEATABLE.

In photography everything depends on the best use of available light. That's why PENTAX offers lenses with outstanding optical characteristics and SLR cameras that rank among the on the market. Both components of the PENTAX system are developed together precisely with the other in mind.

The latest generation PENTAX DA* lenses are equipped with the SDM ultrasonic drive. The autofocus of this lens series is highly reliable, ultra fast and especially quiet. Apart from many other advantages the DA* objectives are protected against dust and water. The interior focusing provides for particularly high control and ease of use.

SMC PENTAX DA 18-55MM F/3.5-5.6 AL II
SMC PENTAX DA 55-300MM F/4-5.8 ED

- > Powerful standard zoom lenses
- > Focal length of 28-83mm and 85-450mm respectively (35mm film equivalent)
- > New lenses specially designed for DSLRs
- > Dirt-resistant PENTAX SP Coating on the front lens element
- > Manual focussing via focussing ring



Similar image



smc PENTAX DA 14mm f/2.8 ED [IF]



smc PENTAX DA 21mm f/3.2 AL Limited Edition



smc PENTAX DA 40mm f/2.8 Limited Edition



smc PENTAX DA 70mm f/2.4 Limited Edition



smc PENTAX DA 10-17mm f/3.5-4.5 ED [IF]



smc PENTAX DA 12-24mm f/4.0 ED AL [IF]



smc PENTAX DA 16-45mm f/4.0 ED (AL)



smc PENTAX DFA 50mm f/2.8 Macro 1:1



smc PENTAX DFA 100mm f/2.8 Macro 1:1

SMC PENTAX DA* 200MM F/2.8 ED [IF] SDM
SMC PENTAX DA* 300MM F/4.0 ED [IF] SDM

- > Ultimate DA* lens quality
- > Ultra fast and quiet focussing
- > Part of a range of first class telephoto lenses with ultrasonic autofocus
- > High quality ED lens elements for brilliant image quality
- > Inner focussing for outstanding handling and comfort
- > Protected against water, dust and dirt
- > Dirt-resistant PENTAX SP coating on front lens element
- > Dual autofocus
- > Tripod adapter (PENTAX DA* 300mm f/4.0 ED [IF] SDM only)

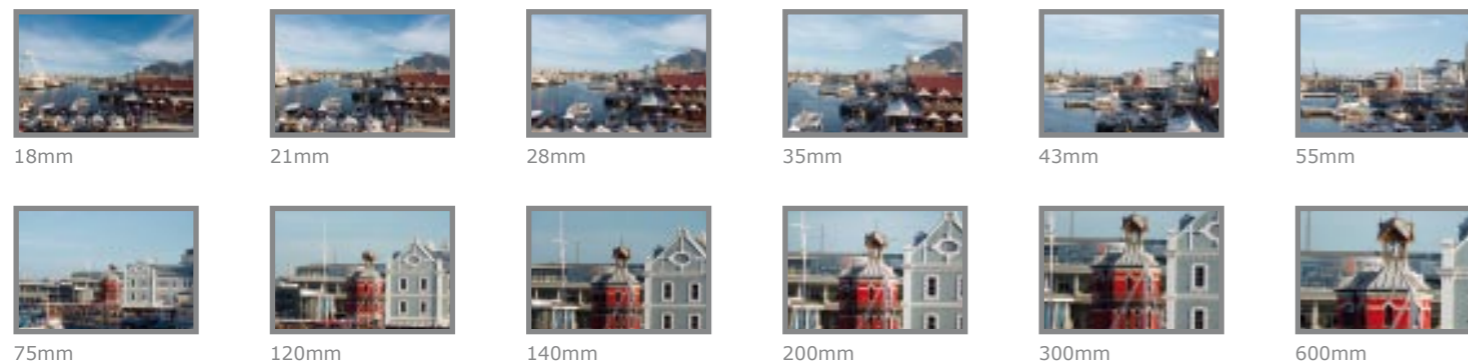


LENSES - AVAILABLE SEPERATELY

(To show the equivalent focal length for a film camera, multiply the digital lens's focal length by 1.5. This figure is shown in brackets)

LENS	GROUPS/ELEMENTS	ANGLE OF VIEW (°)	MINIMUM APERTURE	MIN. FOCUSING DISTANCE	MAG. RATIO.	DIAMETER/LENGTH	WEIGHT	FILTER SIZE
Lenses designed for digital cameras								
smc PENTAX DA 14mm f/2.8 ED [IF] (21mm)	11/12	90	22	17cm	1:5.3	83.5x69mm	420g	77mm
smc PENTAX DA 21mm f/3.2 AL Limited Edition (32mm)	8/5	68	22	20cm	1:5.9	63x25mm	140g	49mm
smc PENTAX DA 35mm f/2.8 Macro Limited Edition (53mm)	8/9	44	22	13.9cm	1:1	63x46.5mm	215g	49mm
smc PENTAX DA 40mm f/2.8 Limited Edition (60mm)	4/5	39	22	40cm	1:7.7	63x15mm	90g	49mm
smc PENTAX DA 70mm f/2.4 Limited Edition (105mm)	6/8	23	22	70cm	1:8.3	63x26mm	130g	49mm
smc PENTAX DA 10-17mm f/3.5-4.5 ED [IF] Fish-Eye (15-25.5mm)	8/10	180-100	22-32	14cm	1:4.2	68x71.5mm	320g	-
smc PENTAX DA 12-24mm f/4.0 ED AL [IF] (18-36mm)	11/13	99-61	22	30cm	1:8.3	87.5x84mm	430g	77mm
smc PENTAX DA 16-45mm f/4.0 ED (AL) (24-67mm)	10/13	83-35	22	28cm	1:3.8	72x92mm	365g	67mm
smc PENTAX DA 18-55mm f/3.5-5.6 AL II (28-83mm)	8/11	76-29	22-38	25cm	1:2.9	68x67.5mm	220g	52mm
smc PENTAX DA 18-250mm f/3.5-6.3 ED AL [IF] (28-383mm)	13/16	76-6.5	22-45	45cm	1:3.6	75x85.5mm	455g	62mm
smc PENTAX DA 50-200mm f/4.0-5.6 ED (75-300mm)	10/11	31.5-8.1	22-32	110cm	1:4.2	66.5x78.5mm	255g	52mm
smc PENTAX DA 55-300mm f/4.0-5.8 ED (85-450mm)	8/12	29-5.4	22-32	140cm	1:3.6	71x111.5mm	440g	58mm
smc PENTAX DA* 16-50mm f/2.8 ED AL [IF] SDM (24-75mm)	12/15	83-31.5	22	30cm	1:4.8	84x98.5mm	600g	77mm
smc PENTAX DA* 50-135mm f/2.8 ED [IF] SDM (75-205mm)	14/18	31.5-11.9	22	100cm	1:5.9	76.5x136mm	765g	67mm
smc PENTAX DA* 200mm f/2.8 ED [IF] SDM (300mm)	8/9	8.1	22	120cm	1:5	83x134mm	825g	77mm
smc PENTAX DA* 300mm f/4.0 ED [IF] SDM (450mm)	6/8	5.4	32	140cm	1:4.2	83x184mm	1070g	77mm
Lenses designed for digital and film cameras (digital/film)								
smc PENTAX DFA 50mm f/2.8 Macro 1:1 (75mm)	7/8	47	32	19.5cm	1:1	67.5x60mm	265g	49mm
smc PENTAX DFA 100mm f/2.8 Macro 1:1 (150mm)	8/9	24.5	32	30.3cm	1:1	67.5x80.5mm	345g	49mm
Converters for all cameras without autofocus (usable only in manual focus)								
smc PENTAX A 1.4xS	4/5	-	-	-	-	64.5x21.5mm	145g	-
smc PENTAX A 2xS	6/7	-	-	-	-	64.5x39mm	210g	-
smc PENTAX A 1.4xL	5/5	-	-	-	-	65.5x28.5mm	175g	-
smc PENTAX A 2xL	5/6	-	-	-	-	65.5x63mm	255g	-
smc PENTAX F 1.7x Autofocus adapter	4/6	-	-	-	-	64x26mm	135g	-

USE THE RIGHT TOOL FOR THE JOB: INTERCHANGEABLE LENSES.



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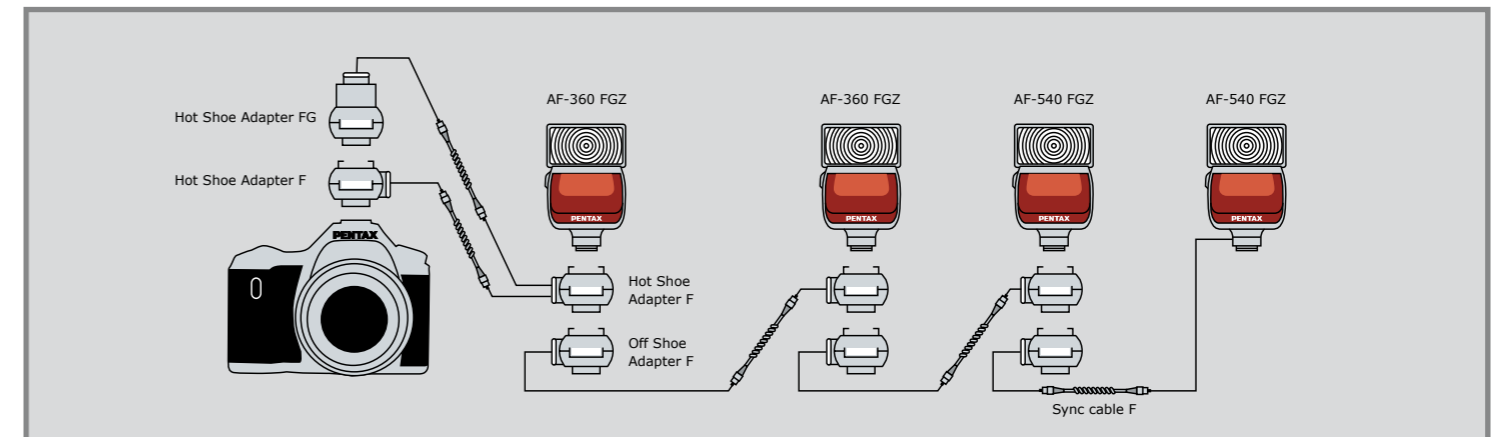
Light to go.

WITHOUT LIGHT A CAMERA FUMBLES IN THE DARK. TO RESOLVE THIS PENTAX HAS DEVELOPED EFFICIENT FLASHES THAT SUPPLY ACCURATE, CONSISTENT LIGHT FOR ANY SITUATION.

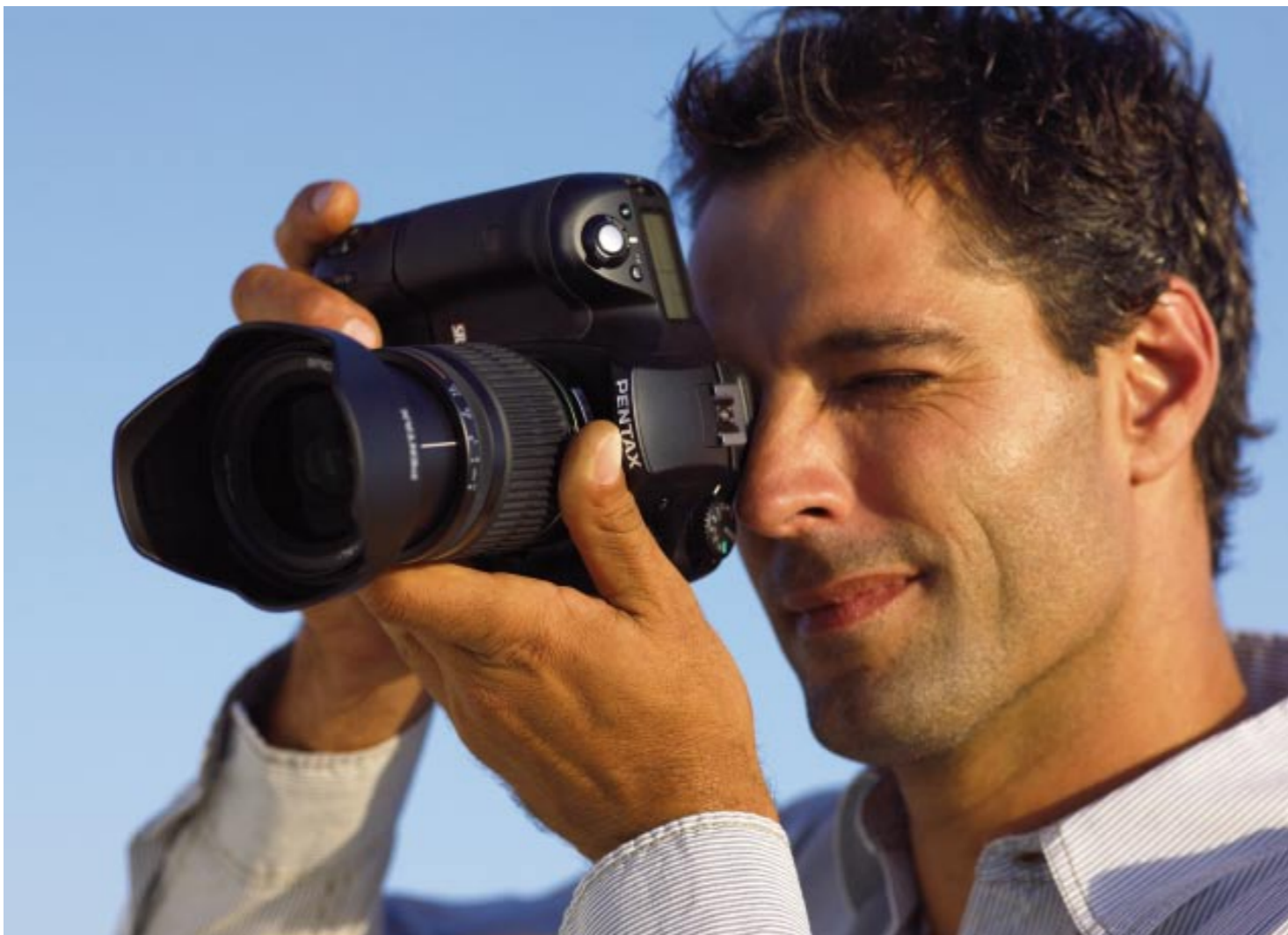
SEE THE LIGHT.

Sufficient lighting is the basic condition for successful photos. Since a significant portion of photographic situations are in poorly lighted conditions PENTAX has developed powerful flashes that supply accurate, consistent light for you in any situation. The perfect communication between your digital PENTAX SLR camera and its PENTAX flash unit makes this possible.

For the K200D we recommend the AF-360 FGZ or AF-200 FG as standard universal flash units. Alternatively the premium AF-540 FGZ, model that offers, among other things, a high guide number, bounce and rotating flash head as well as a fast recycling time. Complex lightning systems present no challenge to the K200D: its wireless flash capability can easily control several external flash units at once.



With the PENTAX flash accessories a number of flashguns can be connected together for extra flexibility. A few possible combinations are shown here.



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FLASH ACCESSORIES



HOT SHOE ADAPTER F
The Hot Shoe Adapter F is particularly suitable for the digital SLRs, as well as SF- and Z-series cameras and the FTZ- and FGZ series flashguns. It connects a sync cable to a flash unit. Up to 4 units can be connected together.



HOT SHOE ADAPTER FG
The Hot Shoe FG is designed so that the camera's built-in flash can be used in conjunction with the adapter. The top of the adapter has a socket for the sync cable.



OFF SHOE ADAPTER F
The Off Shoe Adapter F is particularly suitable for use with the FTZ- and FGZ series flashes. The Off Shoe Adapter F is comparable to the Hot Shoe Adapter F, but the bottom of the adapter features a standard tripod screw mount.



SYNC CABLE F
The sync cable F is the connector between the flash adapters and is available as a 0.5m coiled cable or a 3m straight cable.



OFF CAMERA SHOE CLIP
This clamp attachment has a hot shoe (without electrical contacts) and is used to attach a flash to an object up to 2.5cm thick.

CASES AND OTHER USEFUL ACCESSORIES



VIEWFINDER LOUPE O-ME53
The Finder Loupe increases the viewfinder image by a factor of 1.2. The entire image view is increased, not just the centre. This magnifier is an effective way to check image details in the viewfinder.



REMOTE CONTROL F
Fire the shutter without touching the camera! The infrared remote control operates the shutter from in front of or behind the camera, up to 5 metres away.



CABLE RELEASE CS-205
The alternative to the IR remote control. This cable release offers smooth exposure release when the camera is mounted on a tripod and has a shutter release lock for long exposures.

Perfect detail is a special treat.

NOTHING CAN GO WRONG IF THINGS CO-OPERATE SMOOTHLY. THERE'S NO PROBLEM OF COMMUNICATION BETWEEN PENTAX CAMERAS, LENSES AND FLASHES. OR WITH THE EXTENSIVE ACCESSORIES RANGE OFFERED BY PENTAX.

AMAZING DEVELOPMENTS: PHOTO BROWSER AND PHOTO LABORATORY.



Digital photography also means image management and image processing. What used to be done by specialists in the dark-room can now be done by you on your computer at home. With the new PENTAX PHOTO Browser you can easily transfer, organize, manage and store your pictures directly on the hard drive of your computer. With the new PENTAX PHOTO Laboratory have you a tool that pushes the envelope of possibilities of your camera in reproducing detail.

The software reads the universal DNG format as well as PENTAX RAW files so that you can get the best out of your pictures before you in an instant. You can influence and control white balance, colour intensity, exposure and make classical image edits such as the correction of converging lines – and much, much more. The result: brilliant and nuance-rich photos.



BATTERY GRIP

The PENTAX Battery Grip D-BG3 offers the necessary power to ensure optimal results in continuous use. There is an additional shutter release on the grip.



PRO RUCKSACK

Camera backpack with zipped closure especially designed for photo equipment (camera, two lenses, flash). There is additional space for a laptop and everything else you'd need for a day out.



CAMERA CASE
Something extra up your sleeve: the PENTAX camera case easily accommodates a camera body, two lenses and various accessories.



NYLON CASE
You don't always need all your equipment. Very often just the camera and standard lens will suffice. This compact case ensures the camera is well protected during transport.



ALUMINIUM CASE
Do you need a safe place for all your equipment? Nothing offers more than an aluminum case. Adjustable rigid partitions provide optimum spacing and guarantee that everything remains well padded and in place.

TECHNICAL DATA

You may find additional technical data on the Internet at www.pentax.co.uk

TYPE	Digital SLR camera with interchangeable lenses, TTL metering and integrated P-TTL automatic flash, metal chassis and fibre-reinforced plastic housing			
CCD	23.5x15.7mm Interline Interlace CCD with primary colour filter 10.75 Megapixel – total 10.2 Megapixel – effective Opto-magnetic 3D-Sensor with Shake Reduction			
LENS MOUNT	K _{AF2} bayonet. Compatible with K _{AF} -, K _r -lens mounts. Support for K _{AF2} Motor Zoom function. K mount lenses, M42 and medium format lenses (with adapters) are mechanically compatible*			
COLOUR DEPTH	3x8 bit in JPEG, 3x12 bit in RAW, (internal: 3x22 bit)			
IMAGE FORMATS/ RESOLUTION	RAW	JPEG	JPEG	JPEG
	3,872x2,592	3,872x2,592	3,008x2,000	1,824x1,216
Best	235	804	1,340	3,549
Better		1,371	2,277	6,034
Good		2,320	3,893	10,057
	All capacities with 4GB memory card (available seperately)			
MEMORY	SD, SDHC card			
VIEWFINDER	Non-interchangeable pentamirror with 96% image field with a magnification of 0.85x (with 50mm f/1.4 lens set at infinity, -1m ⁻¹), with "Natural Bright Matte II" interchangeable focusing screen. Dioptre correction -2.5- +1.5 dpt.			
MONITOR	2.7" low-temperature polysilicon TFT colour monitor with 230,000 dots, brightness adjustable, wide-angle view (approx. 160°). Nine and single image review with 16x magnification, Hot Spot indicator and Histogramme with RGB channel display (also in Preview), automatic image rotation for portrait formats			
PREVIEW	Stop-down button for depth-of-field preview and for digital preview			
FOCUS	TTL Phase Matching system with 11-point fields (SAFOX VIII) with viewfinder indications, autofocusing switchable between automatic and manual selection of focus point, spot focus. Compatible with Ultrasonic focus lenses			
EXPOSURE MODES	Programmed automatic (Hyper Programme), Sensitivity Priority, Aperture Priority, Shutter Priority, ISO Automatic, Manual, B, 1/4,000-30sec. Picture Modes (automatic or manual): Portrait, Landscape, Macro, Sport, Night Portrait, Scene Program			
METERING SYSTEM	TTL open-aperture 16-segment metering coupled with lens and AF information, switchable between multi-field, centre-weighted and spot metering			

*Due to the high resolution of the camera and the absence of some or all electronic contacts on various lens mounts, no statement can be made regarding the actual function range of individual lenses.

EXPOSURE	Exposure compensation: ±2EV (1/3 or 1/2EV steps). Sensitivity: automatic, manual selectable (ISO 100, 200, 400, 800, 1,600)
DRIVE MODES	Single, Series (Hi/Low) 2.8fps, 4 images in JPEG (Hi), 1.1fps until memory card capacity is reached (low), 4 images in RAW (DNG), Auto Bracketing, Self Timer 12 or 2sec. (mirror lock-up), IR Remote Control
FLASH	Built-in P-TTL Automatic Flash with automatic operation in poor lighting conditions, guide number 13 at ISO 100, flash coverage 28mm (equivalent in 35mm format) hotshoe on camera top for system flash, flash sync 1/180sec.
WHITE BALANCE	Automatic or manual, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light (W, N, D), Flash, manual balance, 3 different settings for Kelvin and Mired values with fine adjustments
DIGITAL FILTERS	Black & White, Sepia, Colour filters (18 choices), Soft filter, Slim filter, HDR (3 choices)
PRINT OPTIONS	DPOF (Digital Print Order Form), Print Image Matching III, PictBridge
MENU LANGUAGES	19 languages, including GB, GB, F, E, I
CAMERA OPTIONS	Dust Alert, Shake Reduction, Ultrasonic autofocus, Dust and Splash proof construction
POWER REQUIREMENTS	4x AA batteries (Lithium, Alkaline, Ni-MH), AC mains adapter optionally available
DIMENSIONS	133.5x95x74mm (WxHxD)
WEIGHT	630g (without batteries or memory card)
SYSTEM REQUIREMENTS	PC: XP, Vista Mac: OS X 10.2 or higher
CONNECTIVITY	USB 2.0, AV connector (compatible with NTSC or PAL)
STANDARD ACCESSORIES	AV Cable I-IVC28 USB Cable I-USB17 Shoulder strap O-ST53 Body cap Eyepiece cap ME Eye cup FP Hot shoe cover FK 4x AA batteries Software S-SW74

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The manufacturer reserves the right to change specifications, design, equipment and scope of supply without notice.

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