

PENTAX



- Design and specifications are subject to change without notice.
- Use of film with ISO 400 or faster is recommended with these cameras.
- It is strongly recommended that you read the entire operation manual before operating these cameras.
- The expression "Panorama" used in this brochure indicates a format equal in width to a conventional 35mm film frame but narrower across the top and bottom.
- PENTAX, IQZoom and SMC are registered trademarks of Asahi Optical Co., Ltd. registered at U.S. Patent and Trademark Office.

PENTAX®

National Sales & Service Headquarters
Pentax Corporation
35 Inverness Drive East
Englewood, CO 80112

Post Office Box 6509
Englewood, CO 80155-6509
(303) 799-8000

WIDE ANGLE ZOOM SERIES



Power beyond their dimensions.

WIDE ANGLE ZOOM SERIES

The cameras of the Wide Angle Zoom Series from PENTAX share slim dimensions and sleek exteriors. They are compact and convey simplistic sophistication, yet they have so much more to offer. Within their slim bodies lie a wealth of photographic possibilities and an impressive capacity for precision. The surprising range of their zoom lenses gives you telephoto power to control the shot and perspective, and the wide-angle capacity to fill the frame with breathtaking landscapes, group shots, and a whole range of subjects on a larger scale. In short, the increased wide-angle capacities of this new series from PENTAX add creative advantages in framing and emphasis. They allow you to achieve the shots you want, and give your photography a greater sense of freedom.



IQZ_{zoom}120SW

1



IQZ_{zoom}105SW



IQZ_{zoom}920M

2

IQZoom 120SW

28MM-120MM

The freedom to create pictures the way you want.

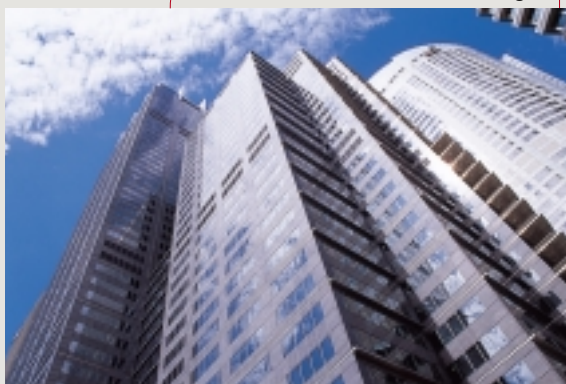
The Pentax IQZoom 120SW blends elegance, practicality, and compact convenience. Its modest dimensions make it easy to carry anywhere, yet its stylish aluminum exterior houses an array of features and impressive photographic potential. It has a 28-120mm zoom lens which provides you with impressive wide-angle options and extensive telephoto opportunities. It also has an impressive array of exposure features, allowing you to get great results from even complex lighting situations.

- 28-120mm power zoom with 4.3X zoom ratio
 - Versatile modes that handle a range of lighting
 - Effortless zoom macro operation to 1.65ft. (50cm)
 - 0.32X magnification at 120mm

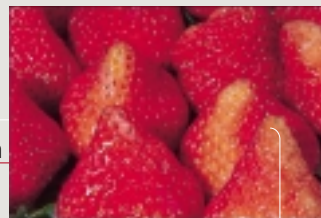


IQZoom 120SW

28mm wide angle



Zoom Macro 120mm



IQZoom120SW DATE

The date version of the IQZoom120SW lets you imprint the date or day and time on your photographs when selected. There are 5 different settings from which to choose, including a blank setting.

IQZoom 105SW

28MM-105MM

A compact zoom to suit the scale of your subject.

The IQZoom 105SW is capable of so much more than its compact proportions would suggest. Its aluminum shell encases extensive photographic possibilities with an array of easy-to-operate features for flash, exposure, and autofocus, while its zoom telephoto and wide-angle capabilities offer a greater level of control over the contents and emphasis of each shot across an expansive 28-105mm range. In short, the IQZoom 105SW gives you creative freedom, wherever you are.

• 28-105mm power zoom lens with 3.8X zoom ratio

• Variety of modes for different lighting

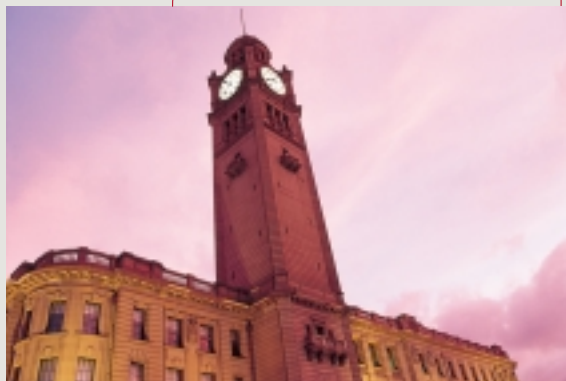
••• 0.27X magnification at 105mm

••• Effortless zoom macro operation to 1.65ft. (50cm)



IQZoom 105SW

28mm wide angle



Zoom Macro 105mm



IQZoom 105SW DATE

The date version of the IQZoom 105SW lets you imprint the date or day and time on your photographs when selected. There are 5 different settings from which to choose, including a blank setting.

IQZoom 928M

28MM-90MM

So much potential, yet so easy to operate.

The IQZoom 928M compact zoom opens up a world of creative possibilities and gives you the power to capture a range of shots from impressive wide-angle landscapes to tight, detailed close-ups with its 28-90mm power zoom lens. It also offers you heightened capability for zoom macro shots, allowing you to get even closer to your subject.



IQZoom 928M

28mm wide angle



Zoom Macro 90mm



• 28-90mm power zoom lens with 3.2X zoom ratio

• Selection of lighting modes

• 0.22X magnification at 90mm

• Effortless zoom macro operation to 1.65ft. (50cm)

IQZoom 928M DATE

The date version of the IQZoom 928M lets you imprint the date or day and time on your photographs when selected. There are 5 different settings from which to choose, including a blank setting.

WIDE

ANGLE

ZOOM



Get everything in shot.

There are times when the subject describes only half a story — times when a shot requires scenery and situation to be truly effective. This is when the powerful zoom lenses of the PENTAX Wide Angle Zoom Series offer truly creative advantages. Their additional wide-angle abilities can expand your sense of composition and make a difference to your photography that will be noticed at a glance. Expansive surroundings and background elements can be captured clearly, while the foreground can achieve even more emphasis. You can also control perspective, capture landscapes, and achieve attractive results in a multitude of other scenes.



38mm wide-angle shooting

28mm wide-angle shooting

POWER ZOOM



120MM



IQZoom 120SW



105MM



IQZoom 105SW



90MM



IQZoom 928M

Telephoto combines distance with detail.



28MM

The zoom lenses of the Wide Angle Zoom Series open up expressive opportunities. In addition to 28mm wide-angle capabilities they also allow you to move through a range of focal lengths for telephoto shooting at 90, 105, and 120mm.* This means you do not have to be so close to your subject to capture detail and produce pleasing images. You can create portraits with more personality, build impact with tighter framing, and pick up detail without compromising the shot.

*Telephoto focal lengths apply to the IQZoom 928m, IQZoom 105SW, and IQZoom 120SW respectively.

FLASH AND EXPOSURE FUNCTIONS

Make the most of any light.

As evening approaches, colors take on a new shade. Light begins to interplay with shadow and subjects seem to express new moods. The Wide Angle Zoom Series offers features such as slow-shutter mode, slow-shutter sync mode, bulb mode, and bulb sync mode, giving you the power to take advantage of twilight conditions and the chance to give your photographs a more dramatic edge.

BULB MODE

Nighttime illuminated scenes often have a scale that extends beyond the scope of a flash and require extended exposure to draw in detail and add perspective. Bulb mode lets you make exposures up to one minute long and turn the light to your advantage.



SLOW-SHUTTER MODE/ SLOW-SHUTTER SYNC MODE

Slow-shutter mode gives you the chance to record evening scenes without intruding on the mood of the natural light. It brings about a decrease in shutter speed and negates the need for the use of a flash. There can also be times when you may not wish to shoot with flash, and times when flash photography is prohibited. Where the foreground requires slightly more detail, slow-shutter sync mode allows a burst of flash to be incorporated into the extended exposure.



BULB SYNC MODE

Bulb sync mode blends two forms of exposure for one truly pleasing shot. It holds the shutter open long enough to achieve superb night scene results, and offers a flash sufficient to highlight your foreground subject.

AUTOFOCUS

A choice of focus.

Not only is the Wide Angle Zoom Series capable of effective autofocus, it also provides a choice of focusing styles to complement your subject. Whether shooting the foreground or the horizon, capturing multiple points of focus, or selecting only one, the Wide Angle Zoom Series has what it takes.

PASSIVE 5-POINT AUTOFOCUS

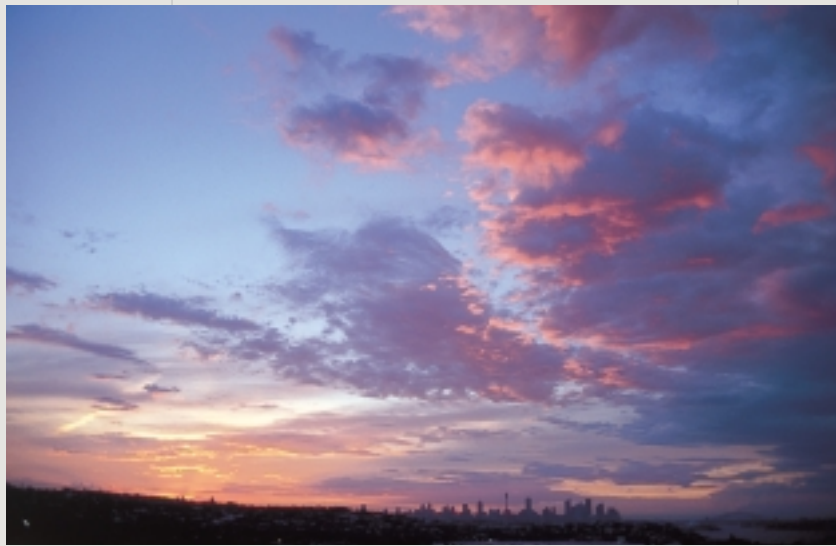
The center of your subject will not always be at the center of the shot; that is why each of the cameras in the Wide Angle Zoom Series offers passive 5-point autofocusing. This ensures sharp pictures with multiple subjects and allows for off-center framing.

5-point autofocus for off-center framing



INFINITY-LANDSCAPE MODE

Scenic shots are simple with the selection of Infinity-landscape mode. At the touch of a button the camera lens focuses on infinity, delivering a perfect balance of range and sharpness, even when focusing through glass or a fence. This mode can also be used to create many other kinds of shots with a unique look, a new sense of perspective, and a change in emphasis.



SPOT AF

You can pinpoint focus on your main subject when you do not want to focus on surrounding objects.

ADDITIONAL FEATURES

More control for more polished results.

The Wide Angle Zoom Series from PENTAX provides features for more appealing results; restoring a balance of light, diminishing unwanted reflection, and providing more control over timing and film use.

FILL-IN FLASH

By combining a flash with available light, the fill-in flash function diminishes areas of shadow in your subject without detracting from the exposure of the background.



Fill-in flash helps achieve proper exposure of subjects.



BACKLIGHT COMPENSATION

Where the light is not conducive to quality shots, the Wide Angle Zoom Series offers features to restore balance. When backlight is excessive yet your foreground requires more light, automatic backlight compensation adds more detail.

RED-EYE REDUCTION

This mode assists in eliminating red eye reflection caused by the use of flash, leading to better portraits in low light, more of the time.

This feature does not eliminate "red-eyes" in all instances.



SELF-TIMER/ REMOTE CONTROL

The self-timer offers a 10-second delayed shutter release and is useful for self-portraits and group shots. An optional remote control allows shutter release with a 3-second delay. Remote control zooming is also available.

PANORAMA MODE

Panorama mode lets you take expansive shots of horizontal or vertical scenes. It can also be selected at any point within the roll of film.

SPECIFICATIONS

IQZoom120SW

Type	35mm fully automatic lens-shutter camera with built-in zoom lens, autofocus, auto exposure and auto flash.
Film	35mm DX-coded film with 24mm x 36mm format.
Lens	SMC Pentax power zoom 28mm - 120mm f/5.6 - f/12.8 lens; 6 elements in 5 groups.
Focusing System	Phase-matching passive 5-point autofocus system. Infinity-landscape / Spot AF mode available.
Autofocusing Range	1.64 ft. (0.5m) to infinity
Exposure Control	Programmed auto exposure control with multi-segment metering.
Metering Range	(1) Auto mode: EV10 – EV17 (28mm at ISO400) EV13.5 – EV19 (120mm at ISO400) (2) Slow shutter speed: EV6 – EV17 (28mm at ISO400) EV6 – EV19 (120mm at ISO400)
Shutter	Programmed AE electronic lens shutter. Shutter speeds: approx. 1/360 sec. to 2 sec.; 1/2 sec. to 1 min. in bulb mode.
Viewfinder	Standard/panorama switchable. Actual-image zoom viewfinder with slide-control diopter adjustment (approx. $-3.0m^{-1}$ to $+1.0m^{-1}$). Viewfinder area: 83% (at 10ft.). Indication: Focus and flash status, panorama-format picture area, close distance compensation frame and AF frame.
External LCD Indication	Exposure counter, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb. Automatic LED illuminator in low-light situations.
Film Loading	Automatic film loading with first-frame positioning.
Film Winding	Automatic film winding.
Film Rewinding	Automatic film rewinding at end of roll. Automatic stop upon rewind completion. (Mid-roll rewinding possible.)
Film-Speed Setting	Auto film-speed setting with DX-coded film from ISO25 to ISO3200.
Self-Timer	10-second delay electronic self-timer.
Flash	Built-in auto zoom flash. Automatic discharge in low lighting and backlighting conditions in auto mode. Flash-on and flash-off modes. Recycling Time: approx. 5 sec. with fresh lithium battery. Dual discharge in red-eye reduction mode.
Remote Control	Optional infrared wireless remote control. 3-second delay release provided.
Auto Power Shut-Off	Automatic lens retraction to 28mm after approx. 3 minutes of non-use. In remote control shooting mode, automatic shut-off after approx. 5 minutes of non-use.
Power Source	One 3V lithium battery (CR2 type).
Dimensions & Weight	4.4 (W) x 2.3 (H) x 1.6 (D) inches (111.0 x 59.5 x 41.0mm). 6.7 oz. (190g)
IQZoom120SW Date	
External LCD Indication	Exposure counter, date indication, zooming button, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb.
Date Imprinting	Five-mode switchable: "Year-Month-Day", "Month-Day-Year", "Day-Month-Year", "Day-Hour-Minute" and blank.
Dimensions & Weight	4.4 (W) x 2.3 (H) x 1.6 (D) inches (111.0 x 59.5 x 41.0mm). 6.7 oz. (190g)

IQZoom105SW

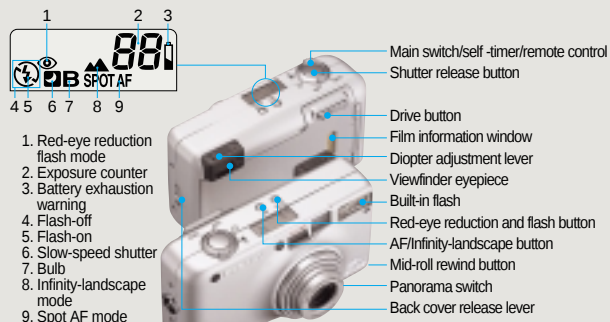
Type	35mm fully automatic lens-shutter camera with built-in zoom lens, autofocus, auto exposure and auto flash.
Film	35mm DX-coded film with 24mm x 36mm format.
Lens	SMC Pentax power zoom 28mm - 105mm f/5.6 - f/12.8 lens; 6 elements in 5 groups.
Focusing System	Phase-matching passive 5-point autofocus system. Infinity-landscape / Spot AF mode available.
Autofocusing Range	1.64 ft. (0.5m) to infinity
Exposure Control	Programmed auto exposure control with multi-segment metering.
Metering Range	(1) Auto mode: EV10 – EV17 (28mm at ISO400) EV13 – EV19 (105mm at ISO400) (2) Slow shutter speed: EV6 – EV17 (28mm at ISO400) EV6 – EV19 (105mm at ISO400)
Shutter	Programmed AE electronic lens shutter. Shutter speeds: approx. 1/400 sec. to 2 sec.; 1/2 sec. to 1min. in bulb mode.
Viewfinder	Standard/panorama switchable. Actual-image zoom viewfinder with slide-control diopter adjustment (approx. $-3.0m^{-1}$ to $+1.0m^{-1}$). Viewfinder area: 83% (at 10ft.). Indication: Focus and flash status, panorama-format picture area, close distance compensation frame and AF frame.
External LCD Indication	Exposure counter, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb. Automatic LED illuminator in low-light situations.
Film Loading	Automatic film loading with first-frame positioning.
Film Winding	Automatic film winding.
Film Rewinding	Automatic film rewinding at end of roll. Automatic stop upon rewind completion. (Mid-roll rewinding possible.)
Film-Speed Setting	Auto film-speed setting with DX-coded film from ISO25 to ISO3200.
Self-Timer	10-second delay electronic self-timer.
Flash	Built-in auto zoom flash. Automatic discharge in low lighting and backlighting conditions in auto mode. Flash-on and flash-off modes. Recycling Time: approx. 5 sec. with fresh lithium battery. Dual discharge in red-eye reduction mode.
Remote Control	Optional infrared wireless remote control. 3-second delay release provided.
Auto Power Shut-Off	Automatic lens retraction to 28mm after approx. 3 minutes of non-use. In remote control shooting mode, automatic shut-off after approx. 5 minutes of non-use.
Power Source	One 3V lithium battery (CR2 type).
Dimensions & Weight	4.4 (W) x 2.3 (H) x 1.6 (D) inches (111.0 x 59.5 x 41.0mm). 6.7 oz. (190g)
IQZoom105SW Date	
External LCD Indication	Exposure counter, date indication, zooming button, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb.
Date Imprinting	Five-mode switchable: "Year-Month-Day", "Month-Day-Year", "Day-Month-Year", "Day-Hour-Minute" and blank.
Dimensions & Weight	4.4 (W) x 2.3 (H) x 1.6 (D) inches (111.0 x 59.5 x 41.0mm). 6.7 oz. (190g)

SPECIFICATIONS

IQZoom928M

Type	35mm fully automatic lens-shutter camera with built-in zoom lens, autofocus, auto exposure and auto flash.
Film	35mm DX-coded film with 24mm x 36mm format.
Lens	SMC Pentax power zoom 28mm - 90mm f/4.8 - f/10.9 lens; 7 elements in 5 groups.
Focusing System	Phase-matching passive 5-point autofocus system. Infinity-landscape mode/Spot AF available.
Autofocusing Range	1.65 ft. (0.5m) to infinity
Exposure Control	Programmed auto exposure control with multi-metering.
Metering Range	(1) Auto mode: EV9.5 - EV18 (28mm at ISO400) EV13 - EV20 (90mm at ISO400) (2) Slow shutter speed: EV4 - EV18 (28mm at ISO400) EV6 - EV20 (90mm at ISO400)
Shutter	Programmed AE electronic lens shutter. Shutter speeds: approx. 1/300 sec. to 2 sec.; 1/2 sec. to 1 min. in bulb mode.
Viewfinder	Standard/panorama switchable. Actual-image zoom viewfinder with dial diopter adjustment from $-3.0m^{-1}$ to $+1.0m^{-1}$. Viewfinder area: 80% (at 10ft.). Indication: Focus and flash status, panorama-format picture area, close distance compensation frame and AF frame.
External LCD Indication	Exposure counter, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb, self-timer, and remote control.
Film Loading	Automatic film loading with first-frame positioning.
Film Winding	Automatic film winding.
Film Rewinding	Automatic film rewinding at end of roll. Automatic stop upon rewind completion. (Mid-roll rewinding possible.)
Film-Speed Setting	Auto film-speed setting with DX-coded film from ISO25 to ISO3200.
Self-Timer	10-second delay electronic self-timer.
Flash	Built-in auto zoom flash. Automatic discharge in low lighting and backlighting conditions in auto mode. Flash-on and flash-off modes. Recycling Time: approx. 5 sec. with fresh lithium battery. Dual discharge in red-eye reduction mode.
Remote Control	Optional infrared wireless remote control. 3-second delay release provided.
Auto Power Shut-Off	Automatic Shut-off after approx. 3 minutes of non-use. In remote control shooting mode, automatic shut-off after approx. 5 minutes of non-use.
Power Source	One 3V lithium battery (CR123A type).
Dimensions & Weight	4.5 (W) x 2.7 (H) x 1.8 (D) inches (114.5 x 67.5 x 46.0 mm). 8.1 oz. (230g) without battery.
IQZoom928M Date External LCD Indication	Exposure counter, date indication, zooming lever, battery exhaustion warning, Infinity-landscape, Spot AF, red-eye reduction, flash-on, flash-off, slow-speed shutter, bulb, self-timer, and remote control.
Date Imprinting	Five-mode switchable: "Year-Month-Day", "Month-Day-Year", "Day-Month-Year", "Day-Hour-Minute" and blank.
Dimensions & Weight	4.5 (W) x 2.7 (H) x 1.8 (D) inches (114.5 x 67.5 x 46.0 mm). 8.1 oz. (230g) without battery.

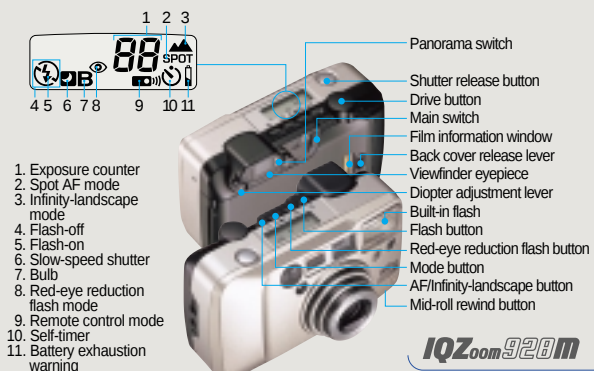
LCD Panel Information



IQZoom120SU



IQZoom105SU



IQZoom928M