

CASIO®



www.exilim.com

EXILIM

EXILIM Engine 3.0



The new EXILIM. Digital perfection.

Ever since it first hit the scene as a slim, stylish, and speedy camera you can take along anywhere, EXILIM has been the defining standard for what a compact digital camera should be. Amazing battery life, a big LCD monitor screen, a totally new Auto Shutter feature, face detection, and anti-shake. All of this plus the EXILIM Engine 3.0 opens up a whole new world of digital imaging potential.



Amazing image quality

Capture each one of those special moments in high-resolution clarity. The new EXILIM Engine 3.0 provides the processing speed required for optimum setups and noise filtering, which ensures higher image quality than ever before.

Stylish and compact

The advanced features and functions of the new EXILIM come packed in a configuration designed and engineered for performance and a level of stylishness that makes it a joy to own and use.

Amazing speed

EXILIM's ultra-high speed image processing delivers amazing speed. Release time lag, high-speed startup, high-speed image playback and everything else inherits the excellent speed characteristics that make the EXILIM what it is.

Long battery life

Amazingly long battery life makes EXILIM a truly carefree, take-along-anywhere digital camera. Energy efficiency also is designed into the EXILIM Engine 3.0.

New, next-generation features

EXILIM is packed with features and functions that are designed and engineered to ensure trouble-free images. The popular Auto Shutter and AUTO BEST SHOT features make digital imaging easier than ever. The Make-up Mode makes the skin and other features of portrait subject look better. The Lighting function makes even backlit shots more natural looking. The Night Scene Shooting without a tripod shoots beautifully clear night scenes, even when the camera is hand held. All this and more, made possible by EXILIM Engine 3.0, provide you with the tools to capture the essential beauty of the subject with the press of a button.

EXILIM SERIES

For detailed product information, go to: www.exilim.com

CARD



EX-S10 [PAGE 3]

- 10.1 Megapixels
- 3X Optical Zoom
- Wide 2.7-inch Super Clear LCD
- Auto Shutter
- Face Detection
- Data Storage

ZOOM



EX-Z300 NEW [PAGE 5]

- EXILIM Engine 3.0
- 10.1 Megapixels
- 4X Optical Zoom
- 28 mm* Wide-angle Lens
- 3.0-inch Super Clear LCD
- Auto Shutter
- AUTO BEST SHOT
- Face Detection
- CCD Shift Stabilization



EX-Z250 NEW [PAGE 7]

- EXILIM Engine 3.0
- 9.1 Megapixels
- 4X Optical Zoom
- 28 mm* Wide-angle Lens
- 3.0-inch Super Clear LCD
- Auto Shutter
- AUTO BEST SHOT
- Face Detection
- CCD Shift Stabilization



EX-Z150 NEW [PAGE 9]

- 8.1 Megapixels
- 4X Optical Zoom
- 28 mm* Wide-angle Lens
- 3.0-inch Large LCD
- Face Detection
- easy Mode
- CCD Shift Stabilization



EX-Z200 [PAGE 11]

- 10.1 Megapixels
- 4X Optical Zoom
- 28 mm* Wide-angle Lens
- Wide 2.7-inch Super Clear LCD
- Auto Shutter
- AUTO BEST SHOT
- Face Detection
- CCD Shift Stabilization



EX-Z100 [PAGE 11]

- 10.1 Megapixels
- 4X Optical Zoom
- 28 mm* Wide-angle Lens
- Wide 2.7-inch Super Clear LCD
- Auto Shutter
- AUTO BEST SHOT
- Face Detection



EX-Z85 NEW [PAGE 13]

- 9.1 Megapixels
- 3X Optical Zoom
- Wide 2.6-inch LCD
- Auto Shutter
- Face Detection
- easy Mode
- Selectable Focus Frame



EX-Z80 [PAGE 14]

- 8.1 Megapixels
- 3X Optical Zoom
- Wide 2.6-inch LCD
- Auto Shutter
- Face Detection
- easy Mode
- Selectable Focus Frame



EX-Z19 NEW [PAGE 15]

- 9.1 Megapixels
- 3X Optical Zoom
- Wide 2.6-inch LCD
- Face Detection
- easy Mode



EX-Z9 [PAGE 16]

- 8.1 Megapixels
- 3X Optical Zoom
- Wide 2.6-inch LCD
- Face Detection
- easy Mode

10.1 Megapixels S10

The slim, compact,
and stylish 10-megapixel card camera.

- | Super Clear LCD
- | Auto Shutter
 - Smile Detection Auto Shutter
 - Anti Blur Auto Shutter
 - Self Portrait Auto Shutter
 - Panning Auto Shutter
- | Face Detection*1
- | Anti Shake DSP
- | Data Storage

• See page 20 to 26 for details about each function.

10.1	3x	2.7"	280 ^{*2}	36
Megapixels	Optical Zoom	Wide LCD	Battery Life	BEST SHOT

•BLACK EX-S10BK •RED EX-S10RD •BLUE EX-S10BE •SILVER EX-S10SR



*1. Face Detection uses face recognition technology provided by the OKI Face Sensing Engine (FSE), which is a built-in image processing engine. • FSE is a trademark of OKI Electric Industry Co., Ltd. • Visit the OKI WEB site (www.face-sensing-engine.jp) for FSE product information. *2. Approximate images; CIPA standards. Normal screen brightness (based on CASIO data).
• Screen and printed images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here.



CAPTURE MODE

10.1 Megapixels Z300



• PINK-GOLD EX-Z300PK

Let the camera do your make-up!
10-megapixel powered by EXILIM Engine 3.0.



• SILVER EX-Z300SR



• BLACK EX-Z300BK

10.1
Megapixels

4x
Optical
Zoom

28mm^{*2}
Wide-angle
Lens

3.0"
Large LCD

300^{*1}
Battery Life

38
BEST SHOT



NEW | EXILIM Engine 3.0

Make-up Mode with Dedicated Button
Lighting

Night Scene Shooting without a tripod
Multi-motion Image

| Super Clear LCD

| Long 300-image Battery Life*¹

| AUTO BEST SHOT

| Auto Shutter

| CCD Shift Stabilization

| Face Detection

NEW | HD Movie Recording

• See page 17 to 26 for details about each function.

^{*1}. Approximate images; CIPA standards. Normal screen brightness (based on CASIO data) ^{*2}. Converted to 35mm film format.
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9.1 Megapixels **Z250**



• SILVER EX-Z250SR

Point and shoot! EXILIM Engine 3.0 simplifies perfect images!

- NEW | EXILIM Engine 3.0**
- Make-up Mode
- Lighting
- Night Scene Shooting without a tripod
- | Super Clear LCD**
- | AUTO BEST SHOT**
- | Auto Shutter**
- | CCD Shift Stabilization**
- | Face Detection**

• See page 17 to 26 for details about each function.



• RED EX-Z250RD • GOLD EX-Z250GD • PINK EX-Z250PK • BLACK EX-Z250BK • BLUE EX-Z250BE

9.1
Megapixels

4x
Optical Zoom

28mm^{*1}
Wide-angle Lens

3.0"
Large LCD

280^{*2}
Battery Life

37
BEST SHOT



*1. Converted to 35mm film format. *2. Approximate images; CIPA standards. Normal screen brightness (based on CASIO data)
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8.1 Megapixels **Z150**



• GREEN EX-Z150GN • PINK EX-Z150PK • SILVER EX-Z150SR

A very smart digital camera with CCD Shift Stabilization for beautiful images.

- | 3.0-inch Large LCD
- | High Contrast Ratio
- | Wide Viewing Angle
- | 28mm*¹ Wide-angle Lens
- | CCD Shift Stabilization
- | Face Detection
- | easy Mode

• See page 20 to 26 for details about each function.



• BLACK EX-Z150BK



• RED EX-Z150RD

8.1
Megapixels

4x
Optical
Zoom

28mm*¹
Wide-angle
Lens

3.0"
Large LCD

280*²
Battery Life

22
BEST SHOT



*1. Converted to 35mm film format. *2. Approximate images; CIPA standards (based on CASIO data)
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10.1 Megapixels Z200 | Z100



• SILVER EX-Z200SR



• BROWN EX-Z100BN

Z200



• RED EX-Z200RD • BLACK EX-Z200BK • GOLD EX-Z200GD

Z100



• BLUE EX-Z100BE • GOLD EX-Z100GD • PINK EX-Z100PK • BLACK EX-Z100BK • SILVER EX-Z100SR

Entrust your special moments to EXILIM.
Simply beautiful 10-megapixel images.

- | AUTO BEST SHOT
- | Auto Shutter
- | CCD Shift Stabilization (Z200 only)
- | Anti Shake DSP
- | Face Detection*1
- | Super Clear LCD
- | Long 400-image Battery Life*2

• See page 20 to 26 for details about each function.

10.1 Megapixels	4x Optical Zoom	28mm ⁺³ Wide-angle Lens	2.7" Wide LCD	400 ⁺² Battery Life	39 BEST SHOT
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*1. Face Detection uses face recognition technology provided by the OKI Face Sensing Engine (FSE), which is a built-in image processing engine. • FSE is a trademark of OKI Electric Industry Co., Ltd.
• Visit the OKI WEB site (www.face-sensing-engine.jp) for FSE product information. *2. Approximate images, CIPA standards. Normal screen brightness (based on CASIO data) *3. Converted to 35mm film format.
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A choice of 8 attractive and fun colors.
The colorful 9-megapixel EXILIM.



- | Auto Shutter
 - | Face Detection*1
 - | Anti Shake DSP
 - | easy Mode
 - | Selectable focus frame and menu color
- See page 20 to 26 for details about each function.

Z80 8.1 Megapixels



- BROWN EX-Z85BN • ORANGE EX-Z85EO • SILVER EX-Z85SR • VIVID PINK EX-Z85VP
- BLUE EX-Z85BE • PINK EX-Z85PK • GREEN EX-Z85GN • BLACK EX-Z85BK

9.1 Megapixels	3x Optical Zoom	2.6" Wide LCD	240 ^{*2} Battery Life	30 BEST SHOT
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*1. Face Detection uses face recognition technology provided by the OKI Face Sensing Engine (FSE), which is a built-in image processing engine. • FSE is a trademark of OKI Electric Industry Co., Ltd.
• Visit the OKI WEB site (www.face-sensing-engine.jp) for FSE product information. *2. Approximate images; 210 images for the Z80; CIPA standards, (based on CASIO data)
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Simple enough to be used by just about anyone.
9-megapixel of fun!



| Face Detection
| Anti Shake Mode

| Easy Mode
• See page 20 to 26 for details about each function.

Z9 8.1 Megapixels



• SILVER EX-Z9SR



• ORANGE EX-Z9EO



• PINK EX-Z9PK



• BLACK EX-Z9BK

9.1
Megapixels

3x
Optical
Zoom

2.6"
Wide LCD

220^{*1}
Battery Life

23
BEST SHOT



• LIGHT PINK EX-Z19LP • SILVER EX-Z19SR • PINK EX-Z19PK • BLACK EX-Z19BK • GREEN EX-Z19GN

*1. Approximate images; CIPA standards (based on CASIO data)
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EXILIM Engine 3.0



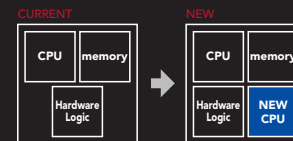
EXILIM Engine 3.0* — The advanced, intelligent image processor

EXILIM Engine 3.0* brings out the inherent beauty in skin tones, skylines, and night scenes. A Multi-CPU system includes a new high-speed image processor CPU that makes it possible for the camera to read subject shooting conditions and configure optimum settings accordingly. Not only that, it provides quick digital noise filtering for images that look just as you imagined they would.

* Available on the Z300, Z250

Multi-CPU for unlimited creative potential

A new high-speed image processor CPU enables speedy processing of images to suit a variety of shooting conditions. Subject analysis, setup optimization, noise filtering, and other image processes are performed in the blink of an eye to allow you to create images of unmatched beauty.



Impressive high resolution

Higher resolutions put the tools of creativity firmly into the palm of your hand. Even when shooting at high resolutions, digital noise is minimized for images of striking detail and clarity.

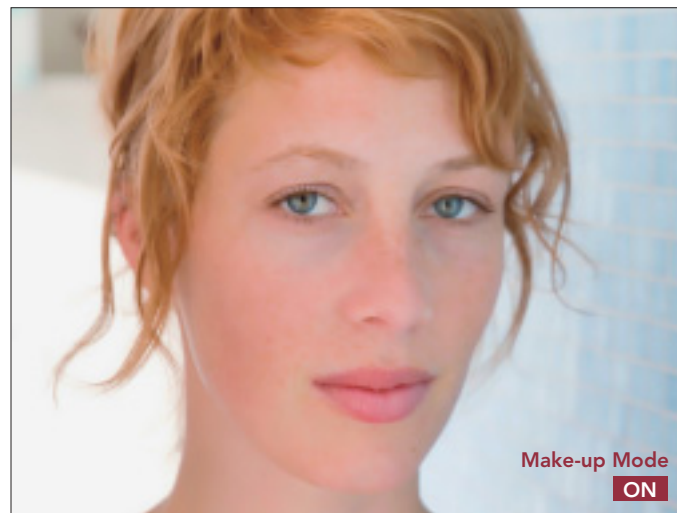
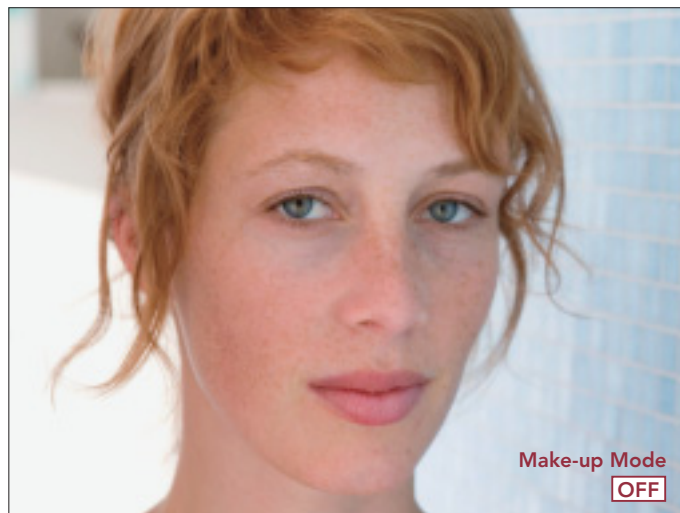
EXILIM excellence

The speed, long battery life, and compact, lightweight configuration are the products of a proud tradition of EXILIM excellence built upon a long history of innovative and original technology.

Z300 / Z250

Make-up Mode

New function that makes portraits more beautiful.



* Screen and printed images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here.
 • The effectiveness of the Make-up Mode depends on the individual face.

Z300 / Z250

Lighting

Control of overexposure and underexposure of backlit scenes

Selectable Make-up Level

The Make-up Mode gives you beautiful portraits with a press of the shutter button. You can select one of 12 different Make-up Levels for exactly the effect you want.



You can select one of the 12 different Make-up Levels.

Preview Make-up Mode effects before you shoot!

Changes in the Make-up Level are reflected immediately on the monitor screen image so you can check what your image will look like before you shoot it.

Even for a backlit scene, simply press the shutter button to capture the blue of the sky and to shoot brightly lit subjects. Rich gradations make it possible to beautifully reproduce the delicate textures of a blue sky.



Background is clear, but faces are dark.



Faces are bright, but sky is overexposed.



Simply press the shutter button! Faces and sky look as good as the real thing.

Z300 / Z250

Night Scene Shooting without a tripod

Beautiful, blur-free night scenes can be shot without using a tripod.

The camera automatically detects whether or not it is mounted on a tripod. If it detects hand-held operation, the high-speed image processing CPU performs high-level dark area correction and digital noise filtering. Even when shooting without a tripod, image blur is suppressed for high-quality night scene images.



With normal flash, the background is dark.



Image blur occurs when a tripod is not used.



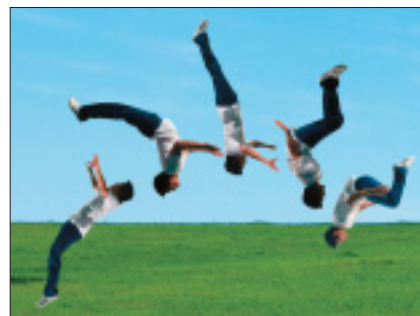
Subject and background is bright, image blur is minimal.

Z300

Multi-motion Image

High-speed combination of multiple shots into a thrilling action image

High-speed Continuous Shutter shoots consecutive images, automatically detecting the moving subject and stationary background. The images are then combined into a final image that shows a progression of the subject's movement against the fixed background.



3M image size only, up to five images are combined automatically for the final image.

S10 / Z300 / Z250 / Z200 / Z100 / Z85 / Z80

Auto Shutter

The new Auto Shutter feature decides the optimum timing and releases the shutter automatically.

Smile Detection Auto Shutter

In addition to optimizing focus and brightness, EXILIM also detects the expression on the subject's face and releases the shutter automatically when it detects a smile.*1 It's the easy way to ensure perfect portraits of smiling faces every time.



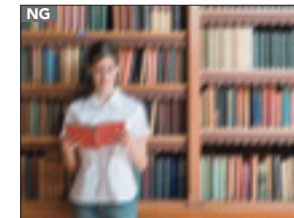
Self Portrait Auto Shutter

Even when you are unable to view the on-screen image, the camera releases the shutter automatically when it detects a face is fully within the monitor screen and there is no blur-causing movement.



Anti Blur Auto Shutter

Hand movement during shutter button operation is the leading cause of image blur. Anti Blur Auto Shutter eliminates this, and also minimizes the chance of ruined images, by releasing the shutter automatically when the camera detects that the camera and subject are still.



Panning Auto Shutter

Even for difficult-to-shoot panning images, simply follow the moving subject and the camera will record the image automatically when its movement exactly matches that of the subject. The sharply focused main subject will be set against a blurred background that creates a dynamic sense of speed.



Auto Shutter + Continuous Shutter*2

Auto Shutter in combination with Continuous Shutter records a series of images, triggered by a smiling face or elimination of blur-causing movement.

*1. Faces may not be detected correctly in some cases. *2. The High-speed Continuous Shutter Mode records up to 10 images, while Flash Continuous Shutter records up to three images. • Screen and printed images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here.

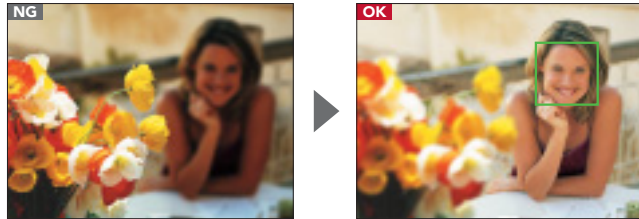
Face Detection



Face Detection locates and focuses on the subject face, and optimizes brightness. Subject movement is tracked automatically.

Face Detection for automatic face focusing and brightness adjustment

The camera locates faces anywhere within the monitor screen area and optimizes focus and brightness. Even in backlit scenes, faces come out bright and clear.



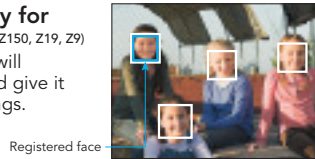
Automatic tracking and focusing of faces (Excluding Z150, Z19, Z9)

Even when a subject is moving, the camera automatically follows detected faces, while updating the focus setting.



Recognition and focus priority for pre-registered faces*1 (Excluding Z150, Z19, Z9)

After you register a face, the camera will automatically locate it in an image and give it priority for focus and brightness settings.



Registered face

Z300 / Z250 / Z200 / Z150 / Z100

28mm*2 Wide-angle Lens

A 28mm*2 wide-angle lens provides plenty of coverage for large groups and scenery shots, which is great at parties and when traveling.



Z300 / Z200 / Z100

Long Battery Life

The low power design of the EXILIM Engine results in amazingly long operating time between charges.

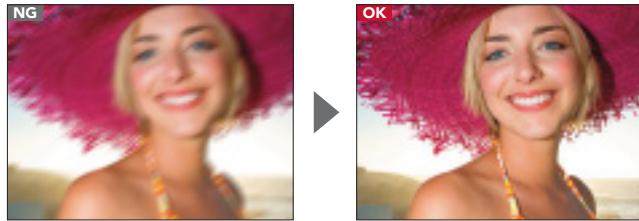


Anti Blur

The camera detects movement of the subject and minimizes image blur due to hand and subject movement.

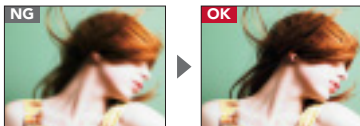
CCD Shift Stabilization Z300 / Z250 / Z200 / Z150

This feature detects hand movement while shooting and stabilizes the image mechanically.



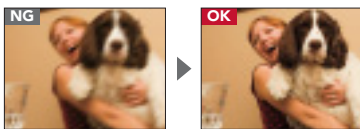
Anti Shake DSP (Excluding Z150, Z19, Z9)

Higher sensitivity and faster shutter speeds reduce the chance of image blur due to hand and subject movement, making it possible to capture clear images without using the flash.



Auto ISO sensitivity control (Excluding Z150, Z19, Z9)

The camera increases ISO sensitivity automatically to minimize blur when it detects subject movement, and decreases sensitivity to minimize digital noise when it detects that the subject is stationary.



S10 / Z300 / Z250 / Z200 / Z100

Super Clear LCD



High contrast ratio, wide viewing angle, high brightness. New, advanced super clear liquid crystal display.

High Contrast Ratio for realistic images

A new LCD provides some of the highest contrast among today's digital camera displays. Light and dark areas stand out in clear contrast for beautiful images that look just like the real thing.



Current LCDs: Image appears dull.



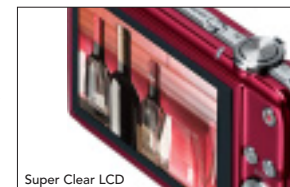
Super Clear LCD: Image looks just like the real thing.

Wide Viewing Angle for easy viewing from any angle

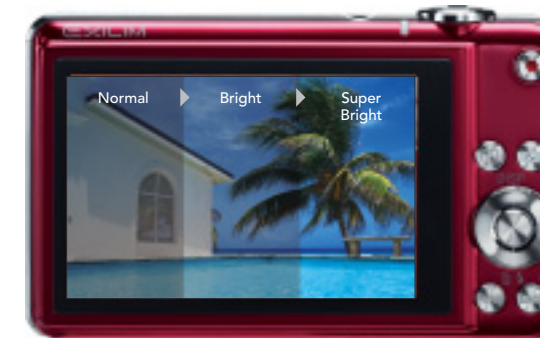
A wide viewing angle means images look good no matter if they are viewed from above, below, left, or right. This means that everyone around you can enjoy viewing images on the monitor screen.



Current LCDs



Super Clear LCD



Super Bright LCD for easy viewing, even outdoors

The camera can be configured to detect available light and adjust screen brightness automatically, or you can select one of three fixed brightness levels.

*1. There may be some cases where the highest priority assignment of face recognition does not apply to the pre-recorded face depending on the person's facial expression, shooting conditions, or other factors. *2. Converted to 35mm film format. * Screen and printed images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here.

BEST SHOT

S10 Z300 Z250 Z150 Z200 / Z100 Z85 Z80 Z19 Z9

	AUTO BEST SHOT Automatically selects the ideal BEST SHOT scene.
	Portrait Enhanced flesh tones. Setting zoom to telephoto blurs the background.
	Scenery Hard sharpness. High saturation.
	Portrait With Scenery Enhanced flesh tones. Setting zoom to wide angle simplifies focusing.
	Self-portrait (1 person) Automatically detects a person and shoots a portrait.
	Self-portrait (2 people) Automatically detects two people and shoots their portrait.
	Children Enhanced flesh tones and a fast shutter speed.
	Sports Fast shutter speed.
	Candlelight Portrait Soft sharpness and tungsten white balance. Keep the camera still!
	Party Fast shutter speed.
	Pet Fast shutter speed. Shoot from the eye level of your pet.

	Flower Macro Mode. High saturation.
	Natural Green Hard sharpness and high saturation. Enhanced green hues.
	Autumn Leaves Hard sharpness and high saturation. Enhanced red hues.
	Soft Flowing Water Slow shutter speed.
	Splashing Water Fast shutter speed.
	Sundown Infinity focus. Red filter. Daylight white balance.
	Night Scene Slow shutter speed. Infinity focus. Keep the camera still!
	Night Scene Portrait *1 Slow shutter speed. Red-eye reduction flash. Keep the camera still!
	Fireworks Soft sharpness. Infinity focus. Keep the camera still!
	Food Macro Mode. High saturation.
	Fashion Accessories Enters the Macro Mode. Watch the camera angle and lighting direction.

	Magazine Macro Mode. Hard sharpness. High contrast.
	Text Macro Mode. Hard sharpness. High contrast.
	Collection Macro Mode. Displays a composition outline.
	Auction Records small-size images, that are perfect for auction notices.
	Backlight ** Enhanced flesh tones. Flash on.
	Anti Shake Reduces the effects of hand and subject movement.
	High Sensitivity Enables recording of an image without flash, even when lighting is dim.
	Underwater For underwater recording with the optional waterproof case.
	Monochrome Uses the monochrome filter.
	Retro Uses low contrast and the sepia color filter.
	Cross Cross filter effect.

M The letter "M" inside of a color coded model indicator means the BEST SHOT scene also affects movie recording.

	Pastel Light coloring for a pastel effect.
	Twilight Uses high color saturation and the magenta color filter.
	Multi-motion image Records multiple images and combines them into a single image. Keep the camera still!
	ID Photo Creates multiple images of standard ID photo sizes.
	Business cards and documents Even when recorded at an angle, image lines are straight and natural.
	White board, etc. Even when recorded at an angle, image lines are straight and natural.
	Silent ** Monochrome recording and slightly faster speed. Creates the image of an old-time silent movie.
	Prerecord ** Continually pre-records movie images, which are saved when MOVIE or SHUTTER is pressed.
	For YouTube ** Record video optimized for YouTube.
	Voice Recording Records audio, without any image.

*1 Z300 / Z250
Flash on. Anti-shake on. Clear images, even without a tripod.
*2 Z300 / Z250
Dynamic range adjusted to correct for dark areas when shooting against backlighting.
*3 Movie only

Z300 / Z250 / Z200 / Z100

AUTO BEST SHOT

Automatic selection of the BEST SHOT scene that suits shooting conditions

The camera detects focus, brightness, face, movement, and other factors, and then selects one of six BEST SHOT sample scenes to match shooting conditions. All you need to do is press the shutter button for perfect images every time. Pointing the camera at a person, for example, causes the "Portrait" scene to be selected, and the camera adjusts so the person's face fills the screen.

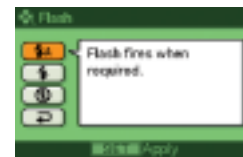
Point the camera at the subject and it selects one of six BEST SHOT scenes automatically.

Portrait	Scenery	Night Scene
Night Scene Portrait	Flower (Macro)	Sports (Movement)

Z150 / Z85 / Z80 / Z19 / Z9

easy Mode

easy Mode provides an easy-to-understand interface that allows you to start snapping beautiful images almost immediately, even if you've never used a digital camera before! Big icons and on-screen help for required settings help to guide you through the image recording process.



Z300 / Z250 / Z200 / Z100 / Z85 / Z80

Selectable Focus Frame

Selectable focus frame images make picture taking more fun.

Out of focus	In focus	Heart
Cookie	Flower	Shine
Butterfly*	Candle*	

*Z85 only

S10

Data Storage

Software that comes with the camera lets you transfer images, digital books, and other data from your computer to camera memory and take it along with you wherever you go.

* Screen and printed images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here.

Snapshot Recording

Continuous Shutter

Normal-speed Continuous Shutter lets you shoot without stopping until memory is full. High-speed Continuous Shutter gives you faster shooting speed. Flash Continuous Shutter shoots a series of images with flash.
 * Z150, Z19, Z9 provides Normal-speed Continuous Shutter only

Auto Macro^{*1}

Auto Macro switches to the macro mode automatically when a subject is within the macro range. This helps to ensure that images are always in focus and reduces the chance of focus error.

Snapshot In Movie^{*2}

Pressing the shutter release button while movie recording is in progress shoots a snapshot, without leaving the movie mode. The camera automatically returns to movie recording after shooting the snapshot.

RGB Histogram

Displays a histogram that lets you check exposure. The histogram is a graph that shows image brightness in accordance with current exposure settings.

Monitor Screen Grid

The monitor screen can be configured to display a grid that helps when composing images.

Soft Flash^{*1}

Suppresses flash intensity regardless of the exposure setting to prevent overexposure in flash images.

Flash Assist^{*1}

A CASIO original feature that automatically adjusts flash brightness when people are located too far from the camera for the normal flash to reach.

Snapshot Playback

Screen Languages

Select from among English, Spanish, French, Italian, Portuguese, Japanese, Traditional Chinese, Simplified Chinese, Korean, Danish, Finnish, Norwegian, Swedish, Dutch, Polish, Czech, Hungarian, Arabic, Russian^{*3}, Indonesian^{*3}

Red Eye Correction^{*4}

Removes red-eye, which can occur when shooting with flash, from an image after it is recorded.

^{*1}. Not available on the Z150, Z19, Z9 model ^{*2}. Not available on the Z250, Z150, Z19, Z9, model ^{*3}. Available on the Z300, Z250, Z150, Z85, Z19 model ^{*4}. Available on the Z300, Z250 model
 • YouTube upload functionality is included under license from YouTube LLC. The presence of YouTube upload functionality in this product is not an endorsement or recommendation of the product by YouTube LLC.

Snapshot Playback

White Balance Adjustment^{*1}

White balance lets you select a setting from among a variety of different light sources, which will correct the color cast of recorded image for more naturally colored snapshots.

Image Brightness Adjustment^{*1}

This setting lets you adjust the brightness of a recorded snapshot.

Layout Print^{*1}

You can insert snapshots into the frames of a layout and produce a new image that contains multiple snapshots.

Color Restoration^{*1}

Restores the colors of old, faded photographs to make them brighter and clearer. Skin colors, sky, and other colors are beautifully restored and the result is saved as a new digital image.

Full-month Calendar Screen^{*1}

The full-month calendar screen shows thumbnails of the first image recorded each day. The calendar can be used as a photo diary or as an easy way to search for images.

Date Editing^{*1}

An easy operation lets you change the date and time of a previously recorded image.

Timestamp

The date and time that the shutter button is pressed can be stamped into each image.
 • The stamped date cannot be edited. Digital zoom is not supported while time stamping is turned on.

World Time

World Time is convenient for international travel. Simply select one of the 162 cities (32 time zones) and you can keep track of the current time in your home time zone and other time zones.

Connection and Printing

Photo Loader with HOT ALBUM (bundled)

This new application lets you use Photo Loader image management functions to back up images on a CD. Image back up reduces the chance of losing images accidentally. Text and even music can be inserted into images to create original albums.

Connection and Printing

PictBridge

Direct Connection to a Printer for Easy Printing
 Simply connect the camera directly to a printer for printing, without going through a computer.



- Contact your printer manufacturer for information about models that support these protocols, printer upgrades, etc.
- Applies to PictBridge compatible printers only.

PRINT Image Matching III Compatible^{*1} / Exif Print Compatible

PRINT Image Matching III Compatible

- PRINT Image Matching III is a trademark of Seiko Epson Corporation.

Exif Print (Exif 2.2) Compatible

- Contact your printer manufacturer for information about models that support these protocols, printer upgrades, etc.



Wide TV Output

Use the bundled AV cable for quick and easy connection to a DVD recorder or TV so you can enjoy your movies and snapshots on a big screen.

Movie Recording and Playback

Prerecord Movie^{*1}

Pressing the movie button records a movie, starting from the point five seconds before you pressed the shutter button. This helps you capture difficult-to-time moments without worrying that your timing may be off.

Movie Editing^{*1}

A simple camera operation lets you cut unwanted scenes from movies after you record them. Simple editing procedures can be performed on the camera, without using a computer.

MOTION PRINT^{*1}

MOTION PRINT lets you print a specific frame of a movie as a snapshot. You can create a single-image snapshot, or a nine-image snapshot.

YouTube™ CAPTURE MODE

Records movies at an optimal size for uploading to the YouTube file sharing site. Included software makes uploading to YouTube™ quick and simple.



Bundled Software

(See the CASIO Digital Camera website for details about operating environments and updates.)

Windows® / Windows Vista®	S10	Z300	Z250	Z150	Z200 Z100	Z85 Z80	Z19 Z9
Photo Loader with HOT ALBUM 3.1	●	●	●	●	●	●	●
Photo Transport	●	●	●	●	●	●	●
DATA TRANSPORT	●						
YouTube™ Uploader for CASIO ^{*1}	●	●	●	●	●	●	●

Mac OS®	S10	Z300	Z250	Z150	Z200 Z100	Z85 Z80	Z19 Z9
DATA TRANSPORT	●						

Minimum Computer System Requirements

Windows® / Windows Vista®	2000	XP	Vista
Photo Loader with HOT ALBUM 3.1	●	●	●
Photo Transport	●	●	●
DATA TRANSPORT	●	●	●
YouTube™ Uploader for CASIO ^{*1}	● (SP4)	● (SP2, SP3)	●

Mac OS®	OS 9	OS X
DATA TRANSPORT		●

^{*1}This product's YouTube upload functionality is included under license from YouTube LLC. The presence of YouTube upload functionality in this product is not an endorsement or recommendation of the product by YouTube LLC.

Operating Systems for Movie Playback

Windows® / Windows Vista®	2000	XP	Vista
MOV (H.264 / AVC)	● ^{*1}	● ^{*1}	● ^{*1}
AVI (Motion JPEG)	●	●	●

Mac OS®	OS 9	OS X
MOV (H.264 / AVC)		● ^{*2}
AVI (Motion JPEG)	●	●

Supported Movie Recording Formats

	S10	Z300	Z250	Z150	Z200 Z100	Z85 Z80	Z19 Z9
MOV (H.264 / AVC)	●	●	●		●	●	
AVI (Motion JPEG)				●			●

^{*1}. Recommended Computer System: CPU: Pentium M 1 GHz or higher / Pentium 4 2 GHz or higher; Required Software: QuickTime® 7/DirectX® 9.0c ^{*2}. QuickTime® 7 or higher; OS 10.3.9 or higher
Important! The above are recommended system environments. Configuring one of these environments does not guarantee proper operation. Even if your computer meets the minimum requirements described above, certain settings and other installed software may interfere with proper playback of movies.

OPTION

Rechargeable Lithium Ion Battery

NP-70
(EX-Z250 / EX-Z150 only)

NP-60
(EX-S10 / EX-Z85 / EX-Z80 / EX-Z19 / EX-Z9 only)

NP-40
(EX-Z300 / EX-Z200 / EX-Z100 only)

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 • Macintosh, Mac OS, QuickTime are registered trademarks of Apple Inc. ©2008 Apple Inc. All rights reserved.
 • Microsoft, Windows Vista, Windows, DirectX are registered trademarks or trademarks of Microsoft Corporation. ©2008 Microsoft Corporation. All rights reserved.
 • PRINT Image Matching for print commands are embedded in the header files of images created by the digital camera. Print commands include color settings and image parameter information.
 • MMC is a trademark of Infineon Technologies AG and is licensed to the MultiMediaCard Association (MMCA). Other company, product, and service names used herein may also be trademarks or service marks of others.
 • DCF stands for "Design Rule for Camera File System."
 • The liquid crystal built into this camera is the product of precision engineering, with a pixel yield of 99.99%. This also means, however that 0.01% of the pixels can be expected to fail to light or to remain lit at all times. • Designs and specifications are subject to change without notice. The printing process may cause colors to differ somewhat from those of the actual product.
 • All screens shown in this catalog are photographic images. Actual screens differ from those shown here.

SPECIFICATION CHART

	EXILIM CARD
	EX-S10
Monitor Screen	2.7-inch wide TFT color LCD / 230,160 dots (959 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	11.8 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,648 x 2,736 / 3,648 x 2,432 (3:2) / 3,648 x 2,048 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 10.1 megapixels
Image Sensor	1/2.3-inch square pixel CCD (Total pixels: 10.34 megapixels)
Lens / Focal Length	6 lenses in 5 groups, including aspherical lens; F2.8 (W) to F5.3 (T) (Approximately 36 to 108 mm equivalent to 35 mm film)
Zoom	3X optical zoom, 4X digital zoom, maximum 17.1X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter • AF Assist Light
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 15 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F2.8 (W) to F7.9 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Auto shutter, Face Detection, Continuous Shutter (Normal-speed, High-speed, Flash), Auto Macro, BEST SHOT, Snapshot In Movie, Voice Recording
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setups.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.2 to 2.8 m (W) / 0.4 to 1.5 m (T) [Flash Continuous Shutter] 0.4 to 1.8 m (W) / 0.4 to 1.0 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 12-image Screen, Calendar Screen, Image Rotation, Resize, Trimming, Keystone Correction, Color Restoration, Slideshow, Layout Print
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format MOV format, H.264 / AVC, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 70 cm to ∞ (W) / Macro: 20 cm (W) *From lens surface. *Optical zoom changes range.
Other	Key Customization, Monitor Screen Brightness Adjustment, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (Hi-Speed USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-60)
Dimensions*2	94.2 (W) x 54.6 (H) x 15.0 (D) mm (13.8 mm at thinnest point)
Weight*3	Approximately 113 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-60), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

	EX-Z300
Monitor Screen	3.0-inch TFT color LCD / 230,400 dots (960 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	38.5 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,648 x 2,736 / 3,648 x 2,432 (3:2) / 3,648 x 2,048 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 10.1 megapixels
Image Sensor	1/2.3-inch square pixel CCD (Total pixels: 10.34 megapixels)
Lens / Focal Length	7 lenses in 6 groups, including aspherical lens; F2.6 (W) to F5.9 (T) (Approximately 28 to 112 mm equivalent to 35 mm film)
Zoom	4X optical zoom, 4X digital zoom, maximum 22.8X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter • AF Assist Light
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 10 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F2.6 (W) to F7.0 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Make-up Mode, Auto shutter, Face Detection, Continuous Shutter (Normal-speed, High-speed, Flash), Auto Macro, BEST SHOT, Snapshot In Movie, Voice Recording
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600, ISO3200
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.2 to 4.5 m (W) / 0.5 to 2.0 m (T) [Flash Continuous Shutter] 0.4 to 2.2 m (W) / 0.5 to 1.0 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 25-image Screen, Calendar Screen, Red Eye Correction, Image Rotation, Resize, Trimming, Keystone Correction, Color Restoration, Slideshow, Layout Print
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format MOV format, H.264 / AVC, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 40 cm to ∞ (W) / Macro: 20 cm (W) *From lens surface. *Optical zoom changes range.
Other	Selectable Focus Frame, Key Customization, Monitor Screen Brightness Adjustment, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (Hi-Speed USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-40)
Dimensions*2	96.7 (W) x 57.3 (H) x 23.0 (D) mm (21.1 mm at thinnest point)
Weight*3	Approximately 119 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-40), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

	EX-Z250
Monitor Screen	3.0-inch TFT color LCD / 230,400 dots (960 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	38.5 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,456 x 2,592 / 3,456 x 2,304 (3:2) / 3,456 x 1,944 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 9.1 megapixels
Image Sensor	1/2.5-inch square pixel CCD (Total pixels: 9.3 megapixels)
Lens / Focal Length	7 lenses in 6 groups, including aspherical lens; F2.6 (W) to F5.9 (T) (Approximately 28 to 112 mm equivalent to 35 mm film)
Zoom	4X optical zoom, 4X digital zoom, maximum 21.3X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 15 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F2.6 (W) to F7.7 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Make-up Mode, Auto shutter, Face Detection, Continuous Shutter (Normal-speed, High-speed, Flash), Auto Macro, BEST SHOT, Snapshot In Movie, Voice Recording
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600, ISO3200
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.15 to 3.8 m (W) / 0.6 to 1.7 m (T) [Flash Continuous Shutter] 0.4 to 1.7 m (W) / 0.6 to 0.7 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 25-image Screen, Calendar Screen, Red Eye Correction, Image Rotation, Resize, Trimming, Keystone Correction, Color Restoration, Slideshow, Layout Print
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format MOV format, H.264 / AVC, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 40 cm to ∞ (W) / Macro: 25 cm (W) *From lens surface. *Optical zoom changes range.
Other	Selectable Focus Frame, Key Customization, Monitor Screen Brightness Adjustment, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-70)
Dimensions*2	96.7 (W) x 57.3 (H) x 19.9 (D) mm (18.9 mm at thinnest point)
Weight*3	Approximately 126 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-70), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

	EX-Z150
Monitor Screen	3.0-inch TFT color LCD / 230,400 dots (960 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	17.9 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,264 x 2,448 / 3,264 x 2,176 (3:2) / 3,264 x 1,840 (16:9) / 2,816 x 2,112 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 8.1 megapixels
Image Sensor	1/2.5-inch square pixel CCD (Total pixels: 8.29 megapixels)
Lens / Focal Length	7 lenses in 6 groups, including aspherical lens; F2.6 (W) to F5.9 (T) (Approximately 28 to 112 mm equivalent to 35 mm film)
Zoom	4X optical zoom, 4X digital zoom, maximum 22.8X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 15 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F2.6 (W) to F7.7 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Face Detection, Normal-speed Continuous Shutter, BEST SHOT, Voice Recording, easy Mode
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/1000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.2 to 3.3 m (W) / 0.5 to 1.5 m (T) [Flash Continuous Shutter] 0.5 to 2.2 m (W) / 0.5 to 1.0 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 12-image Screen, Calendar Screen, Image Rotation (Snapshots), Resize, Trimming, Slideshow
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format AVI format, Motion JPEG, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 1.6 m to ∞ (W) / Macro: 20 cm (W) *From lens surface. *Optical zoom changes range.
Other	Key Customization, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-40)
Dimensions*2	96.7 (W) x 57.3 (H) x 20.1 (D) mm (19.2 mm at thinnest point)
Weight*3	Approximately 111 g (Z200), Approximately 111 g (Z100)
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-40), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

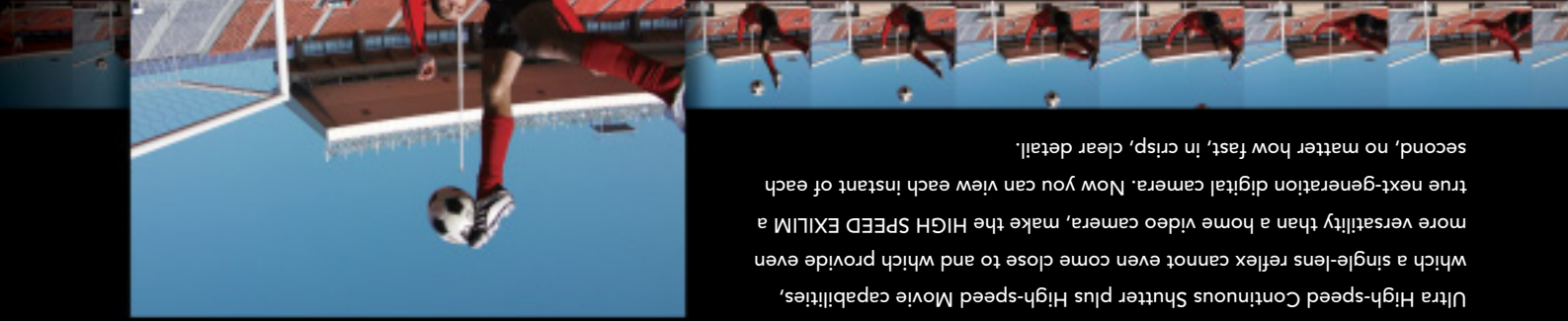
	EX-Z200 / EX-Z100
Monitor Screen	2.7-inch wide TFT color LCD / 230,160 dots (959 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	11.7 MB built-in flash memory (Z200), 12.1 MB built-in flash memory (Z100), SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,648 x 2,736 / 3,648 x 2,432 (3:2) / 3,456 x 2,048 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 10.1 megapixels
Image Sensor	1/2.3-inch square pixel CCD (Total pixels: 10.34 megapixels)
Lens / Focal Length	7 lenses in 6 groups, including aspherical lens; F3.1 (W) to F5.9 (T) (Approximately 38 to 114 mm equivalent to 35 mm film)
Zoom	4X optical zoom, 4X digital zoom, maximum 22.8X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 15 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F3.1 (W) to F5.6 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Auto shutter, Face Detection, Continuous Shutter (Normal-speed, High-speed, Flash), Auto Macro, BEST SHOT, Snapshot In Movie, Voice Recording, easy Mode
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.1 to 2.6 m (W) / 0.4 to 1.5 m (T) [Flash Continuous Shutter] 0.4 to 1.4 m (W) / 0.6 to 0.7 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 12-image Screen, Calendar Screen, Image Rotation, Resize, Trimming, Keystone Correction, Color Restoration, Slideshow, Layout Print
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format MOV format, H.264 / AVC, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 50 cm to ∞ (W) / Macro: 20 cm (W) *From lens surface. *Optical zoom changes range.
Other	Selectable Focus Frame, Key Customization, Monitor Screen Brightness Adjustment, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (Hi-Speed USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-60)
Dimensions*2	89.7 (W) x 55.0 (H) x 22.7 (D) mm (19.2 mm at thinnest point)
Weight*3	Approximately 100 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-60), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

	EX-Z85
Monitor Screen	2.6-inch wide TFT color LCD / 114,960 dots (479 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	41.2 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,456 x 2,592 / 3,456 x 2,304 (3:2) / 3,456 x 1,944 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 9.1 megapixels
Image Sensor	1/2.5-inch square pixel CCD (Total Pixels: 9.3 megapixels)
Lens / Focal Length	6 lenses in 5 groups, including aspherical lens; F2.8 (W) to F5.9 (T) (Approximately 38 to 114 mm equivalent to 35 mm film)
Zoom	3X optical zoom, 4X digital zoom, maximum 16.1X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi, Auto Tracking • Focus Lock • Quick Shutter
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 10 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F3.1 (W) to F5.6 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Auto shutter, Face Detection, Continuous Shutter (Normal-speed, High-speed, Flash), Auto Macro, BEST SHOT, Snapshot In Movie, Voice Recording, easy Mode
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Soft Flash, Red Eye Reduction • Approximate Flash Range: [Normal] 0.1 to 2.6 m (W) / 0.6 to 1.4 m (T) [Flash Continuous Shutter] 0.4 to 1.4 m (W) / 0.6 to 0.7 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 12-image Screen, Calendar Screen, Image Rotation, Resize, Trimming, Keystone Correction, Color Restoration, Slideshow, Layout Print
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format MOV format, H.264 / AVC, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 50 cm to ∞ (W) / Macro: 20 cm (W) *From lens surface. *Optical zoom changes range.
Other	Selectable Focus Frame, Selectable Menu Color, Key Customization, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-60)
Dimensions*2	89.7 (W) x 51.7 (H) x 19.0 (D) mm (17.8 mm at thinnest point)
Weight*3	Approximately 107 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-60), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

	EX-Z19
Monitor Screen	2.6-inch wide TFT color LCD / 114,960 dots (479 x 240)
File Format	• Snapshots: JPEG (Exif Ver. 2.2), DCF 1.0 standard, DPOF compliant • Audio (Voice Recording): WAV (monaural)
Recording Media	18.5 MB built-in flash memory, SD Memory Card, SDHC Memory Card, MMC™, MMC™+ plus
Number of Recorded Pixels (Snapshots)	3,456 x 2,592 / 3,456 x 2,304 (3:2) / 3,456 x 1,944 (16:9) / 3,072 x 2,304 / 2,304 x 1,728 / 1,600 x 1,200 / 640 x 480 (VGA)
Number of Effective Pixels	Approximately 9.1 megapixels
Image Sensor	1/2.5-inch square pixel CCD (Total pixels: 9.3 megapixels)
Lens / Focal Length	6 lenses in 5 groups, including aspherical lens; F2.8 (W) to F5.2 (T) (Approximately 37.5 to 112.5 mm equivalent to 35 mm film)
Zoom	3X optical zoom, 4X digital zoom, maximum 16.1X HD zoom (with VGA size)
Focus	• Type: Contrast Detection Auto Focus • Mode: Auto Focus, Macro, Pan Focus, Infinity, Manual Focus • AF Area: Spot, 9-point multi • Focus Lock
Approximate Focus Range (Snapshots)	Auto focus: 40 cm to ∞ (W) / Macro: 15 cm to 50 cm (W) *From lens surface. *Optical zoom changes range.
Exposure	• Metering: Multi pattern, Center Weighted, Spot by CCD • Control: Program AE • Compensation: -2 EV to +2 EV (in 1/3 EV steps)
Aperture	F2.8 (W) to F5.6 (W) *With ND filter. *Optical zoom changes aperture value.
Recording Functions	Face Detection, Normal-speed Continuous Shutter, BEST SHOT, Voice Recording, easy Mode
Shutter Type / Shutter Speed	CCD shutter, mechanical shutter • Auto (Program AE): 1/2 to 1/2000 second • Night Scene: 4 seconds maximum *May differ due to camera setup.
White Balance	Auto, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual White Balance
Sensitivity (ISO / REI)*1	Auto, ISO56, ISO100, ISO200, ISO400, ISO800, ISO1600
Self-timer	10 seconds or 2 seconds, Triple Self-timer
Built-in Flash	• Flash Modes: Auto, Flash off, Flash on, Red Eye Reduction • Approximate Flash Range: [Normal] 0.1 to 2.6 m (W) / 0.4 to 1.5 m (T) *From lens surface. *ISO sensitivity: "Auto" *Optical zoom changes range.
Playback Functions	Playback Zoom (8X), 12-image Screen, Image Rotation (Snapshots), Resize, Trimming, Slideshow
Timekeeping Functions	Date and time (Current date and time are stored with image data), Auto calendar up to 2049, Timestamp
Movie Functions	File Format AVI format, Motion JPEG, IMA-ADPCM (monaural) Approximate Focus Range Auto focus: 2 m to ∞ (W) / Macro: 40 cm (W) *From lens surface. *Optical zoom changes range.
Other	Key Customization, PictBridge, Video Output (NTSC / PAL), Wide-screen TV Output (NTSC / PAL)
Input / Output Terminals	USB (USB compatible) / AV (NTSC / PAL compliant) connector
Power Source	Rechargeable Lithium Ion Battery (NP-60)
Dimensions*2	92.5 (W) x 55 (H) x 23.2 (D) mm (20.4 mm at thinnest point)
Weight*3	Approximately 127 g
Bundled Accessories	Rechargeable Lithium Ion Battery (NP-60), Battery Charger, AC Power Code, Special USB Cable, Special AV Cable, Strap, CD-ROM

HIGH SPEED EXILIM
 for unbelievably ultra high-speed digital imaging.

Ultra High-speed Continuous Shutter plus High-speed Movie capabilities, which a single-lens reflex cannot even come close to and which provide even more versatility than a home video camera, make the HIGH SPEED EXILIM a true next-generation digital camera. Now you can view each instant of each second, no matter how fast, in crisp, clear detail.



High-speed Continuous Shutter

High-speed CS makes it possible to record multiple images of fast-moving subjects, which have always presented a challenge for digital cameras up to now. Ultra high-Speed CS and powerful optical zoom make it possible to capture every moment of the action in crisp, clear detail.

○ Pre-record Continuous Shutter
 Pre-record CS uses a continually updated buffer to pre-record images, which are stored when you press the shutter button.



HIGH SPEED EXILIM Technology
 The image processor system is designed for high-speed processing of the massive data provided from the CMOS sensor. High processing speed makes it possible to equip HIGH SPEED EXILIM with such advanced features as high-resolution Ultra High-speed Continuous Shutter, High-speed Movie, HD Movie, and more.

World's fastest*1 60-image-per-second CS and amazingly fast High-speed Movie (1,200 fps maximum)



Megapixels	6.0
Optical Zoom	12x
Wide LCD	2.8"
Battery Life	520*
BEST SHOT	27



*1. Consumer digital cameras according to information available to CASIO as of January 6, 2008. *2. Approximate images shown in this catalog are simulations for explanatory purposes only. Actual images may appear different from those shown here. © CASIO data



60-image-per-second Ultra High-speed CS
 Capture each and every instance in high-detail and full resolution.

High-speed Movie

Shoot at speeds of up to 1,200 fps for ultra-slow motion movies.



1,200 fps (336 x 96)



300 fps (512 x 384)

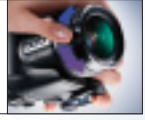
Full HD Movie

Full High-definition movies you can play back on your TV.



Other Functions

- Pre-record CS • Flash CS • Move In CS / Move Out CS
- Slow Motion View • Digital Panning • Pre-record Movie
- Digital Anti Shake • Selectable recording mode A/S/M
- 3 types of Bracketing • 52.1X HD (No Deterioration) Zoom (with VGA size) • CMOS Shift Stabilization • Face Detection



Function Ring
 The function ring provides smooth control over CS speed and zoom. You also can use it to switch the High-speed movie speed between 30 and 300 fps.



EXILIM
HIGH SPEED

CASIO