

RICOH

DIGITAL CAMERA
Caplio GX100

SPECIAL LIMITED CATALOG



f=24mm, 1/20sec, F2.5, ISO154, EV±0, Full size photo; no trimming, ©Masato Terauchi



Masato Terauchi

Born in Toyama prefecture, in 1954.

Masato has begun his career as a professional photographer in 1991. Gained popularity for his images of landscape photography, notably 1999 "the healing islands" exhibition at Isetan, which featured Yakushima and Miyakojima islands. His photos are often called "emotional photography" as one might describe "the pictures appear to be moving and could hear the sound from". He's also known for shooting more than 6,000 VIPs' and entrepreneurs' portraits. Masato has given the commemorative lecture at Massachusetts Institute of Technology (MIT) in 1999. He is the founder, the chief editor, and the publisher of "PHAT PHOTO" magazine since 2000. His books include "Haikai iyashino shima ni imasu", "Iyashi no sekai heno tabi", "Land hope resides" and so on. Masato is a member of Japan Professional photographers Society, and Japanese Academy of Facial Studies.

24-72mm/F2.5-4.4



1/1.75 inch type 10 Megapixels CCD

The VF-1 LCD viewfinder is included with the Caplio GX100 VF kit.
Photographs appearing in this catalog are not necessarily provided as explanations for specific functions noted herein.
All lens focal lengths indicated in this catalog are 35mm camera equivalent values.



f=32mm, 1/640sec, F7.1, ISO100, EV±0, Full size photo; no trimming, ©Masato Terauchi

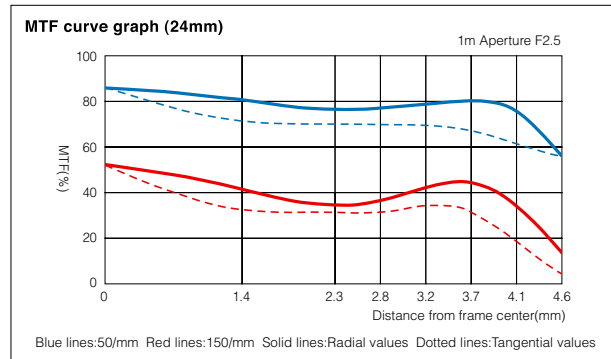
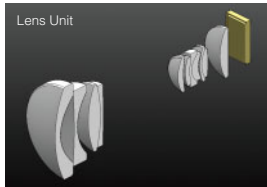
It's more than an expanded lens angle. It's a whole new vision of the world.

Versatile imagery from a 24-72mm optical zoom lens

The GX100's slender body accommodates a 24-72mm/f2.5(W)-4.4(T), 3x wide-angle optical zoom lens. Set to wide-angle it can be utilized for wide-perspective pan focus shooting and versatile photographic effects. At medium distances, it is effective for taking portraits or framing scenes. With the freedom to compose and wide potential for expression, the Caplio GX100 appeals to the type of photographer who seeks to enhance his expressive artistry.

Superb optical performance, all the way to the picture's edge

Striving for compact size and outstanding imagery from its 24mm wide-angle zoom lens, the Caplio GX100 boasts a high-performance lens utilizing aspherical, special low-dispersion glass lenses with a high refractive index, in a high-quality 7-group, 11-element configuration. This design effectively suppresses distortion, color aberration and light falloff at the edges. As the MTF (Modulation Transfer Function) curve demonstrates, it achieves high definition and high contrast reproduction all the way to the edges.

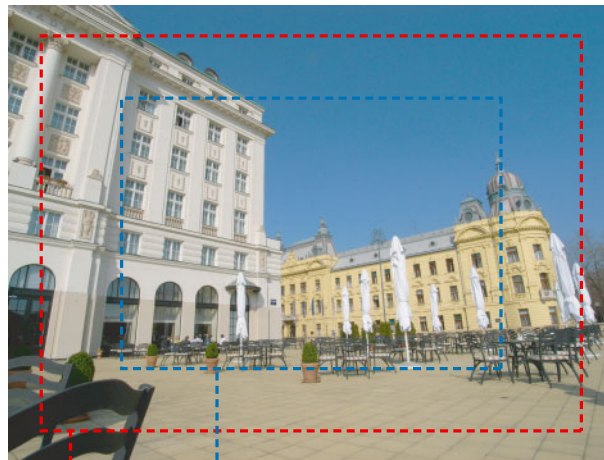


Wide-angle conversion lens

Attach the DW-6* wide conversion lens (optional) and you'll get a perspective even wider than the naked eye, enabling you to take ultra-wide-angle shots with a 19mm focal length. The ability to shoot extreme déformé perspectives and wide angle shots give further vent to original shooting. The wide conversion lens requires the easily-connected HA-2* adapter, which also permits attachment of the lens hood and a variety of 43mm diameter filters (standard items).



* Optional * When wide conversion lens is attached, the built-in flash cannot be used as vignetting may occur.



Equivalent to 24mm Equivalent to 35mm
With use of 19mm wide conversion lens (DW-6), 1/640sec, F7.2, ISO100, Full size photo; no trimming
* Differs from actual range of shooting.

Seven-blade iris aperture realizes striking blur tone

Selectable in 12 steps from fully open to the smallest setting, the odd-numbered 7-blade iris aperture enables close control over exposures. At any setting a nearly perfect circle is achieved, permitting capture of gorgeous blur tones and shafts of light.

User-detachable LCD viewfinder*1

GX100 boasts a unique removable electronic viewfinder. As the same parallax displayed by the LCD monitor is eliminated, the field of view is 100 percent, enabling framing with the same sense of accuracy as a single-lens reflex camera. Its tilt mechanism*1 permits low-angle shots, for even more photographic creativity.

*1 During tilt, the built-in flash cannot be utilized.



at normal setting

during tilting

Step zoom emulates single focal length lenses

The zoom lens' focal length can be fixed at 24/28/35/50 and 72mm. This step zoom system gives the sensation of lenses used on 35mm cameras.

10.01-megapixel CCD achieves fine, detailed imagery

The GX100's CCD, boasting 10.01 megapixels with superb definition, incorporates Ricoh's original "Smooth Imaging Engine II" for natural color rendition with low noise. Combining these two strengths, the GX100 achieves fine, detailed quality images that stand up to demanding enlargements. A choice of F (Fine), N (Normal) and RAW mode settings are available, with RAW recommended for processing the image with computer software as well as for optimal picture quality.



f=24mm, 1/640sec, F7.2, ISO100, EV±0, Full size photo; no trimming, ©Masato Terauchi

A camera that anticipates its user's feelings and intentions



f=24mm, 1/20sec, F2.5, ISO154, EV+0, Full size photo; no trimming, ©Masato Terauchi

Vibration correction and high-sensitivity auto setting, for capturing images with sharpness

A CCD shift-type vibration correction function has been adopted, to enable sharply defined hand-held shots even in low-light situations or where use of flash is prohibited. Vibration correction is also effective for capturing atmospheric shots that harness the light and shadow as-is. By setting the GX100 to the AUTO-HI position, the camera's ISO sensitivity is automatically boosted. As shutter speed is raised, this prevents blurring of the subject. Combines with the vibration correction it makes for distinctive, sparkling pictures.



With vibration correction



Without vibration correction

* Image shown is for demonstration purposes only. * Effects may not function under all situations.

1cm macro for ultra-precise close-ups

GX100 permits macro shots as close as 1cm away from the subject at the wide angle setting, and 4cm in the telephoto setting. This gives you the option of using the wide angle for emphasizing proximity, or the telephoto when you want to obscure images in the background. Other powerful features include a "Zoom Macro" setting to boost the size of macro images and auto focus targeting that can be moved without changing the picture composition.



f=37mm, 1/80sec, F4.2, ISO100, Full size photo; no trimming

Focus system lets you match up subject and shooting style

Use of multi AF with 17 separate auto focus points within the auto focus area prevents out-of-focus shots of two people, for example, even if you don't lock the focus. Center spot auto focusing is also available, as well as manual spot focusing, which is displayed by the monitor's focus bar. The easy-to-confirm focus indicator is a great convenience.

Three types of light metering adapt to virtually every situation

The multi metering mode splits the monitor into 256 segments and determines the ideal overall exposure. In addition, center weighted average metering and spot metering are included. This not only enables GX100 to be used in a variety of lighting situations, but also permits the user to give free range to his own "light-seeing eye."



f=32mm, 1/80sec, F2.8, ISO100, EV-0.3, Full size photo; no trimming

Choice of versatile exposure modes

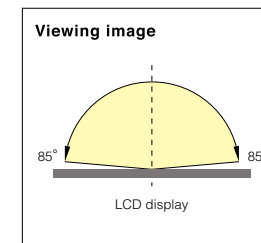
In addition to the Camera mode that entrusts settings to the camera, the GX100 boasts scene modes tailored to a variety of subjects and shooting situations. Three modes: "A" (aperture priority mode), "M" (manual exposure mode) and "P" (program shift mode) support your creative efforts. By according you full control over the subject's depth of field and emotions, the GX100 is an ideal camera for enjoying photographic expression.

Flexible shooting functions to match the subject

In addition to a 4:3 aspect ratio, GX100 can also be set to the same 3:2 ratio as a 35mm camera, as well as a 1:1 ratio. When used in combination with the LCD viewfinder's tilt function, you can enjoy the same "feel" as a medium-format camera. Picture settings include monochrome and sepia for touch of nostalgia.

Large 2.5-inch LCD monitor display permits wide-angle shooting

The 2.5-inch, 230,000 pixel LCD display can be clearly viewed horizontally or vertically from a 170-degree angle. Photos can be displayed as one frame, three frames or indexed contents, up to a maximum of 16 at a time. Display settings include marker displays, a histogram for visual display of light distribution, a grid guide (in the shooting mode), convenient for confirming parallel alignment and a highlight display (in the display mode) that darkens display over bright areas.



Grid guide display *Image is simulated

You'll never want to leave it at home



f=24mm, 1/320sec, F5.1, ISO100, EV±0, Full size photo; no trimming. ©Masato Terauchi

Customized settings fit to your personal style

A wealth of functions enables full versatility and ease of use. The ADJ. lever enables preprogramming of up to four frequently utilized functions, including focus, ISO sensitivity, metering system, continuous shooting and others, greatly facilitating making changes to settings. The function button also permits switching between manual and auto focus, AE lock and others, letting you make changes at a touch.



ADJ. lever (ADJ.)



Function button (Fn)

Frequently used "My Setting" options can be toggled at a touch

Two "My Setting" options allow you to preset the GX100 to match your most frequently used shooting styles and scenes. Once you've selected your preferences, just select the Mode setting and you'll be ready to shoot at a moment's notice.



Presettable functions:

- * Photo mode * Picture quality/size * Focus * Focus position during manual focus
- * Metering method * Continuous shooting * Exposure compensation * Photos with sound * Date entry * White balance * ISO sensitivity * Camera shake correction
- * Zoom position * Macro * Flash mode * Self-Timer * DISP mode * Step zoom * Digital zoom switch * Shooting icon enlargement

Scene modes give best exposure

A choice of eight still picture modes are provided: Portrait, Sports, Landscape, Nightscape, Skew Correction, Text, Zoom

Macro and High Sensitivity. Skew Correction makes objects shot at an angle appear as if they were shot from the front. Text brings black and white characters into sharp view, enabling the camera to serve as an electronic memo.

Versatile flash operation

The pop-up flash can be set to Flash-off, Auto, Red-eye Flash, Flash-on, Soft Flash, and Slow Synchro, to provide the ideal lighting for each type of scene. The GX100 also incorporates a hotshoe for connection of an external flash unit.



Flash Soft setting for close-up work

For macro or close-up wide angle shots, the flash intensity can be reduced. For macro photography or close-ups in the wide angle setting, this avoids overexposure of the subject, as well as preventing the background from appearing underexposed, affording extra control for more natural results.



f=44mm, 1/50sec, F3.3, ISO135, EV±0, Full size photo; no trimming. ©Masato Terauchi

Slow Synchro mode ideal for night scene portraits

After the flash captures the subject at the ideal exposure level, the Slow Shutter continues exposure as-is, ensuring that even night scenes achieve the right balance. * A tripod should be used during slow shutter settings.

Movie mode

The GX100 shoots moving images of up to 640 x 480 pixels at 30 frames per second with sound. Image size from 640 x 480 pixels at 30 or 15 frames per second are selectable.

SDHC memory card for high-capacity recording of high-definition images

The GX100 can accommodate SDHC memory cards of up to 4GB capacity. This enables it to record a large volume of high-quality image data and thereby further extending its shooting capabilities.

Pleasing, high-durability body

The aluminum alloy body conveys an unmistakable sensation of quality and luxury that your hands can feel.

Functional, ergonomic body design

The natural lines and ergonomic controls make shooting with the GX100 smooth and effortless. The large, easy to handle grip section, covered with pliable resin material, provides a secure and comfortable grip for added stability during shooting. The control layout and positive click sensation of the buttons enhances its ease of use.

Approx. 340 shots per battery charge, plus AAA compatibility

The GX100 utilizes three power sources: rechargeable battery, AAA-type dry cells and an AC adapter *1. The large-capacity rechargeable battery permits approximately 340*2 shots. Alkaline batteries, available anywhere, can take up to 30 shots *2. Oxide dry battery and Nickel hydrate rechargeable battery can also be used.



*1 Optional *2 Based on CIPA standards

