

**RICOH**  
imagine. change.

**GRII**



**GR**









1/25sec, F11, ISO100, EV+0, WB: AUTO

1/60sec, F8.0, ISO100, EV+0, WB: AUTO







Musician: "harukatomyuki"



# Get Real.

## Capture the Truth.

What might happen in a moment's time?

What drama waits around the next corner?

Street photography distills the pleasure of shooting images.

It's a style that demands a camera that can act as a direct extension of a photographer's mind and body.

A camera that lets you capture the decisive moment, whenever it occurs.

That was the inspiration behind the first Ricoh GR – and that inspiration remains.

From its emphasis on image quality and array of creative functions, to its build quality and size, everything about this camera is designed with one purpose in mind: to be the ultimate snapshooter.

Get Real.

Seize the moment. Capture the essence. Do it with the GR.







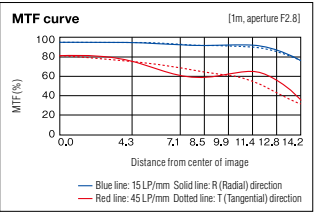
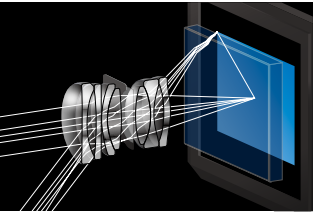
1/60sec, F2.8, ISO100, EV-0.3, WB: AUTO

1/1000sec, F2.8, ISO100, EV0.0, WB: AUTO

## Outstanding image quality: the essence of the GR

### GR lens for high-quality image reproduction

Developed in pursuit of pure image quality, the GR 18.3mm F2.8 lens (equivalent to 28mm in the 35mm format) delivers simply the best performance in the GR's history. This acclaimed lens design incorporates two high-precision glass mold aspherical optical elements and a high-refraction, lower-dispersion glass element, positioned optimally to reduce distortions and chromatic aberration to near absolute minimum, while reproducing high-resolution images from the center to the edges of the image field. Thanks to its crisp image rendition even at the maximum aperture of F2.8, and its faithful image reproduction against backlight, the user can truly enjoy the charm of a unifocal lens. Its nine-blade iris diaphragm helps create a truthful sense of depth and a natural bokeh (defocusing) effect, while allowing the user to capture beautiful light beams at closed-down apertures.



### Large CMOS image sensor captures the finest details

The GR II features a large-imaging area, wide dynamic range APS-C size CMOS image sensor with approx. 16.2 effective megapixels. The superior high-sensitivity characteristics and low-noise performance allow regular shooting at ISO3200 (which can be boosted to a maximum of ISO25600). By eliminating the anti-aliasing filter to enhance resolution, it maximizes the resolving potential of the lens to deliver sharp, high-quality images right to the edges. By mutually optimizing this large image sensor and the GR lens, the camera achieves a slim and compact body that stands true to the GR heritage.

### GR ENGINE V provides superior image-processing power

The high-performance GR ENGINE V imaging engine draws the most out of the GR lens and the CMOS image sensor. By fine-tuning the compensation program against high-sensitivity noise, it improves image quality and enhances resolution and contrast, while minimizing annoying noise. By reprogramming the AWB algorithm, it assures more precise white-balance control under artificial lighting such as fluorescent lights, while delivering more stable results in outdoor shooting. The new CTE (Color Temperature Enhancement) mode for white-balance control makes it possible to emphasize the predominant color within the image and create a stronger impression.

## So responsive, it feels like it's part of you

### The speed to react to every chance moment

The GR II is fully tuned up to give you the quickest response: from its very short start-up time, through its high-speed AF system thanks to the optimization of its lens drive mechanism and AF algorithm, to its minimal shutter release lag. It also features the Full Press Snap\* option that allows you to shoot at a preset focus distance with a full-press shutter release. Thanks to its increased buffer memory capacity, smooth continuous shooting is possible even in RAW format.

\* [ON], [OFF] can be selected. Only available when [Focus] is set to [Multi AF], [Spot AF] or [Pinpoint AF].

### Decisive autofocus for swift, precise shooting

During shooting, the AF function switching lever (for Continuous AF and AE/AF Lock) lets you switch between autofocus modes with a single action: either use the AF button for continuous autofocus in Continuous AF mode; or switch the lever to AE/AF lock, lock the focus with the AF button, then set the exposure by half-pressing the shutter-release button. The GR II's exposure swiftly responds to quick changes of composition.







1	2	3	1. Clarity	2. Bleach Bypass	3. Brilliance
4	5	6	4. Hi-Contrast B&W	5. HDR Tone	6. Vibrant
7	8	9	7. Cross Process	8. Retro	9. Slight

## Breathe originality into your photographs

### Wide array of effects for richer creative expression

New effect modes expand creative options: HDR Tone, Clarity, Brilliance, Vibrant, Bright and Portrait. The Effect button on the side of the camera body allows you to turn the function on/off or select one to apply during shooting. These effects can also be applied in-camera during RAW development.

### Wireless flash provides sophisticated lighting solutions

The GR II's built-in flash can wirelessly trigger an external flash to discharge based on a TTL-metered exposure value. Bounce the light to soften portrait shadow, or control the subject's volume with highlights – advanced lighting with an external flash can be explored at will.

\* Compatible accessory flash units are AF540FGZ II, AF360FGZ II, AF540FGZ and AF360FGZ. The GR II does not support shooting with these compatible flash units mounted on the hot shoe.

### High-quality full-HD video, ideal for discerning filmmakers

The GR II records high-quality, Full-HD movie clips with a beautiful bokeh (defocusing) effect, captured by the GR lens and large image sensor, in the H-264 recording format. In addition to faster AF operation, you can now adjust exposure compensation during movie recording, widening the range of cinematic expression available to you.

### ND filter with ON/OFF/AUTO settings

The GR II features a built-in ND (Neutral Density) filter that can be activated from the maximum aperture at F2.8. Because it allows you to control the amount of incoming light, it enables you to deliberately use a slow shutter in a bright scene, for example.

### Interval Composite shooting captures star and moon trails within landscapes

The popular Interval Composite function is updated to allow finer control over interval time, such as with the new minimum settings, allowing you to easily create impressive star-field photography with smoother light trails. Saving the image as a RAW-format file is now supported.

### 35mm/47mm Crop modes expand your options

Crop mode\* allows you to capture an image at an angle of view equivalent to 35mm or 47mm (in the 35mm format). This ability to choose from three angles of view according to your creative intentions opens up a broader range of expression.

\* The image size is limited to M when using 35mm Crop mode, or S when using 47mm Crop mode.

### 21mm Wide Conversion Lens offers a broader field of view

High-performance wide conversion lens developed exclusively for the GR II is available as an optional lens to take advantage of the GR II's high mobility in shooting at ultra-wide angle positions.

\* Optional Ricoh GH-3 Lens Hood & Adapter is required to attach the wide-angle conversion lens.

### Macro mode enables close-ups 10cm from the lens

In macro shooting, the GR II delivers crisp image rendition as well as a beautiful bokeh (defocusing) effect, even at the maximum aperture. The Auto Macro function, with its minimum close-distance of 10cm, detects the subject's distance and automatically switches to Macro shooting mode.

### In-camera RAW-data development allows finishing images without any need for a PC

After shooting RAW-format images, you can apply a variety of adjustments including white-balance control, Chromatic Moiré Correction, and effect modes, all within the camera, and output the finely finished images in JPEG format.

## Built-in Wi-Fi makes handling even more flexible

Connect wirelessly with smart devices. Expand the GR II's world with two dedicated apps.



GR Remote app lets you control the camera with a mobile device



Use images in a smartphone



Use images in a tablet

Composite image

GR Remote is a full-featured application developed exclusively for the GR II. This web application allows remote control of all the camera's buttons and dials\* from a mobile device, such as a smartphone or tablet. Macro shooting from a dynamic high/low-angle, selfie shooting, or night landscape shooting using the Interval Composite function can all be performed while checking the composition on your mobile device. Remote adjustments of various shooting parameters extend to ISO sensitivity and AF mode settings, allowing elaborate picture-making. The camera also responds to manual operations while using GR Remote so you won't miss the moment to shoot. GR Remote is install-free, which means you can use it by accessing the special website, and the application will update quickly and automatically at its launch.

\* Supports all GR II operations except power-on and pop-up of built-in flash. \*Supported browsers: GoogleChrome™ and Safari. (As of June 2015.) Operations on some mobile devices are not guaranteed. For the latest support information, check the Ricoh Imaging website or contact a customer service center.

\* Supported language: English only.



GR Remote special website:  
[http://www.ricoh-imaging.co.jp/english/products/gr\\_remote/](http://www.ricoh-imaging.co.jp/english/products/gr_remote/)  
Browser app is available for demo.



Send images effortlessly with the Image Sync app

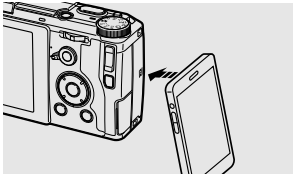


Composite image

Image Sync\* for smartphones and tablets offers simple image transfer of selected images to another device, as well as previewing and uploading of recorded images to SNS on the go.

\* Available on App Store (iOS) and Google Play™(Android™) for free. For further information on supported OS versions, check the Ricoh Imaging website or contact a customer service center.

### NFC makes it even easier to connect with a smartphone



The GR II is compatible with NFC (Near Field Communication) functions for easy pairing with mobile devices. Simply touching the GR II with an Android device allows image transfer to the device.

\* Only Image Sync app is supported

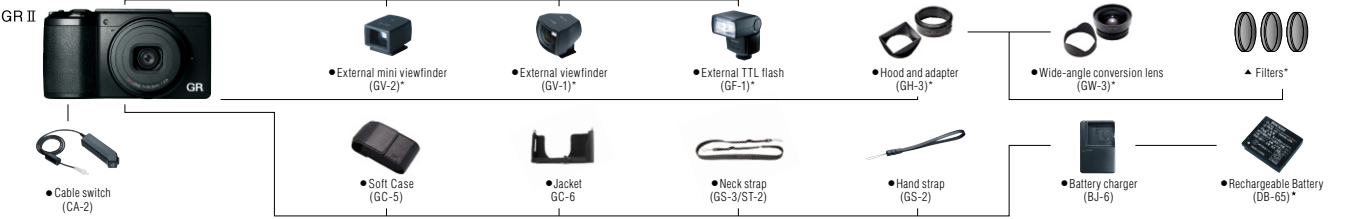
### Detailed 3.0", 1.23m-dot LCD monitor

The GR II's high-definition LCD monitor with brightness adjustment, scalable font characters, and detailed, full-color graphics supports your shooting with superb visibility. The protective LCD screen cover provides assurance in even harsh environments.

### Advanced RAW-file development software Digital Camera Utility 5 included

This supplied software allows browsing and converting RAW-data to be saved in JPEG or TIFF format. Tuned with the acclaimed SILKPIX® engine, it delivers high-quality RAW image processing.

### System configuration



Hood and adapter (GH-3) are required to use a filter (49mm dia.). For details on filters, inquire with each manufacturer. When using an external viewfinder along with a conversion lens or hood, vignetting becomes stronger. When using a conversion lens or hood, the camera's built-in flash cannot be used. A hood and adapter are required to use a wide-angle conversion lens. External TTL flashes (GF-1) will not fire when using [Interval Composite] and [Interval Shooting]. GR Digital hood and adapter (GH-1/GH-2), wide-angle conversion lens (GW-1/GW-2), teleconversion lens (GT-1), cable switch (CA-1), and soft case (GC-3/GC-4) cannot be used.

● Optional accessory ▲ Third party items ★ Bundled with the camera

System Requirements  
[Windows] OS:Windows®8.1 (32bit/64bit)/ Windows®8 (32bit/64bit)/ Windows®7 (32bit/64bit) / Windows Vista®(32bit/64bit) CPU:Intel®Core™2 Duo or later RAM:2GB or more HDD:Program installation and start-up: 100MB or more of available space  
Image file saving: Approximately 7MB per file (JPEG) / approximately 20MB (RAW) Monitor:1280×1024 dots, 24 bit full-color or higher [Macintosh] OS:OS X 10.10 / 10.9 / 10.8 / 10.7 CPU:Intel®Core™2 Duo or later RAM:2GB or more HDD:Program installation and start-up: 100 MB or more of available space, Image file saving: Approximately 7MB per file (JPEG) or approximately 20MB (RAW) Monitor:1280×1024 dots, 24 bit full-color or higher  
- A computer with a supported OS preinstalled, updated to the latest version, and equipped with USB ports as standard equipment is required. Operation is not guaranteed on all computers with the recommended operating environment.





# GR II

## Included items

- **Rechargeable battery** - **USB power adapter**
- **USB cable** - **Hand strap** - **Software (CD-ROM)**

## Specifications

Lens		Lens Construction: 7 elements in 5 groups (2 aspherical lens elements)	
	Focal Length, Aperture	18.3mm (35mm equivalent focal length Approx. 28mm), F2.8-F16	
Focus	Modes	Multi AF, Spot AF, Pinpoint AF, Subject tracking AF, MF, Snap, Infinity, Face detection priority AF (in Auto shooting mode/when Portrait of Effect is set), Continuous AF, Full Press Snap	
	Focus Range (From Lens Face)	Approx. 0.3m to infinity (from the front edge of the lens)	
		Approx. 0.1m to infinity (Macro shooting, from the front edge of the lens)	
		Approx. 0.98ft to infinity (from the front edge of the lens) Approx. 0.33ft to infinity (Macro shooting, from the front edge of the lens)	
Face Detection		Up to 10 people's faces	
Total Number of Effective Pixels		Approx. 16.2 megapixels	
Image Sensor		23.7×15.7mm size CMOS, Approx. 16.9 megapixels	
Number of Recorded Pixels	Still	[3.2]4928×3264 (L), 3936×2608 (M), 2912×1936 (S), 1280×864 (XS) [4.3]4352×3264 (L), 3488×2608 (M), 2592×1936 (S), 1152×864 (XS)	
	Movie	Full HD: (1920×1080, 30fps/25fps/24fps), HD: (1280×720, 60fps/50fps/30fps/25fps/24fps), VGA: (640×480, 30fps/25fps/24fps)	
File Format	Still	JPEG (conforms to Exif 2.3), RAW(DNG),	
	Movie	MPEG-4 AVC/H.264	
Sensitivity (Standard Output Sensitivity)		Auto, AUTO-HI (Maximum ISO/Minimum ISO selectable), Manual ISO 100-25600	
White Balance		Auto, Multi-P AUTO, Outdoors, Shade, Cloudy, Incandescent 1, Incandescent 2, Daylight, Neutral White, Cool White, Warm White, CTE, CT (Details), M (Manual)	
Display		3.0" transparent LCD, approx. 1,230K dots, with protective cover, LCD Brightness (Auto/Manual)	
Exposure Control	Metering	Multi, Center-weighted, Spot	
	Modes	Program AE, Aperture priority AE, Shutter priority AE, Shutter/Aperture priority AE, Manual exposure	
	Exposure Compensation	Still image: ±4EV in increments of 1/3EV, Movie: ±2EV in increments of 1/3EV	
Shooting Modes		Auto shooting mode, Program shift mode, Aperture priority mode, Shutter priority mode, Shutter/Aperture priority mode, Manual exposure mode, Movie, My Settings Mode	
Effect		Black&White, B&W (TE), Hi-Contrast B&W, Cross Process, Positive Film, Bleach Bypass, Retro, Miniaturize, Shift Crop, High Key, HDR Tone, Clarity, Brilliance, Slight/Vibrant, Bright, Portrait	
Shooting Functions		FA/Move Target, Crop (35mm/47mm), Continuous shooting, AE bracket (1/2EV/1/3EV), White Balance bracket (Preset available), Effect bracket, Dynamic range bracket, Contrast bracket, Multiple exposure shooting, Interval shooting, Self-timer, Noise reduction, ND Filter (On/Off/Auto) Dynamic range compensation (Auto/Weak/Medium/Strong), Slow Shutter Speed NR, Color space setting, Interval composite, Histogram, Grid Guide, Depth-of-field indicator, Electronic level indicator	
Playback Functions		Auto Rotate, Highlight Alert, Thumbnail View, Enlarged Display (up to 16×), Slideshow, Protect, Resize, Skew Correction, Level Compensation, White Balance Compensation, Trim, DPOF Setting, Color Moiré Correction, RAW Development, Clip Movie File, Save still image from movie	
Shutter Speed		1/4000-300sec, Bulb, Time	
Flash	Modes	Auto, Flash On, Flash Synchro., Manual Flash, Red-Eye Flash Auto, Red-Eye Flash On, Red-Eye Flash Synchro., Wireless	
	Range	Approx. 0.2m-3.0m (ISO AUTO) Approx. 0.66 ft.-9.8 ft. (ISO AUTO)	
	Guide Number	5.4 (ISO 100 equivalent)	
Storage Media		Internal memory (approx. 54 MB), SD/SDHC memory card, SDXC memory card (SDHC/SDXC memory cards conform to UHS-I standards)	

Power Source		Rechargeable battery DB-65
	Battery Life (Rechargeable Battery)	Still image*: Approx. 320 shots, Playback***: Approx. 190 min. Movie recording time: Approx. 45 min.
Interfaces		USB/AV output terminal (USB2.0, video output, audio output (monaural)), HDMI output terminal
Video Output		NTSC/PAL
Wireless LAN	Standards	IEEE 802.11b/g/n (standard wireless LAN protocol)
	Frequency (Center Frequency)	2412MHz-2462MHz (1ch-11ch)
	Security	Authentication: WPA2, Encryption: AES
NFC	Standards	ISO/IEC14443 Type A, ISO/IEC14443 Type B, JIS X 6319-4 (Automatically selected)
	Operating Frequency	13.56MHz
Dimensions		Approx. 117.0 mm (W) ×62.8 mm (H) ×34.7 mm (D) (excluding projecting parts)
		Approx. 4.6 (W) ×2.5 (H) ×1.4 (D) inches (excluding projecting parts)
Weight	During Shooting	Approx. 251g (with battery and SD memory card)
	Body Only	Approx. 221g (without battery and SD memory card)
Languages		English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese

\* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing.  
Actual performance may vary depending on operating conditions.  
\*\*According to the result of our in-house testing.

## GR optional items

Product Name		Product Name
Hood and adapter	GH-3	Neck strap (genuine leather, GR logo)
Wide-angle conversion lens	GW-3	Neck strap (Ricoh logo)
External TTL flash	GF-1	Hand strap (genuine leather, GR logo)
External viewfinder	GV-1	Rechargeable battery
External mini viewfinder	GV-2	Battery charger
Cable switch	CA-2	HDMI cable
Soft case	GC-5	AV cable
Jacket	GC-6	


## Storage

	Number of Recorded Pixels		Internal Memory	4GB
Still image	4928×3264	RAW	1 (shots)	136 (shots)
	4928×3264	RAW+JPEG	1	106
	4928×3264	JPEG(L)	6	481
	3936×2608	JPEG(M)	10	746
	2912×1936	JPEG(S)	18	1329
	1280×864	JPEG(XS)	78	5498
Movie	1920×1080	30fps	36 (sec)	1277 (sec)
	1280×720	60fps	40	1331
	640×480	30fps	78	3207

The maximum recording time per shooting is 25 minutes or the equivalent of 4GB.



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 **Attention**

In order to use this product safely and correctly, please carefully read the manual before use.

■Images taken with this product that are for anything other than personal enjoyment cannot be used without permission according to the rights at specified in the Copyright Act. Users are advised to take care, as there are cases where limitations are placed on taking pictures even for personal enjoyment during demonstrations, performances or items on displays. Images taken with the purpose of obtaining copyrights also cannot be used outside the scope of use of the copyrights as laid out in the Copyright Act, and care should be taken here also. ■The liquid crystal panel used for the monitor is manufactured using extremely high-precision technology. Although the level of the functioning pixel is 99.99% or better, you should be aware that 0.01% or fewer of the pixels may not illuminate or may illuminate when they should not. However, this has no effect on the recorded image. ■This product is a Class B information technology device that conforms to the standards prescribed by The Voluntary Control Council for Interference by Information Technology Equipment (VCCI) in Japan. Although it is primarily designed and manufactured for use in the household environment, it may cause some electromagnetic interference to radio and TV receivers. Users are advised to follow the instructions described in the operating manual. ■Users are advised to carry spare batteries for extended shooting sessions. ■Due to certain qualities of the printing process, there may be some discrepancies in color between the actual product and product images appearing in this brochure. ■Users are advised to check the product serial number upon their purchase. ■Designs and specifications are subject to change without notice. ■The contents of this brochure are all copyrighted, and must not be used, duplicated or transmitted, whether in part or in entirety, without permission. This brochure is produced for personal, noncommercial use only, and must not be used for any purpose other than its intended use.