

RICOH
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RICOH GR III







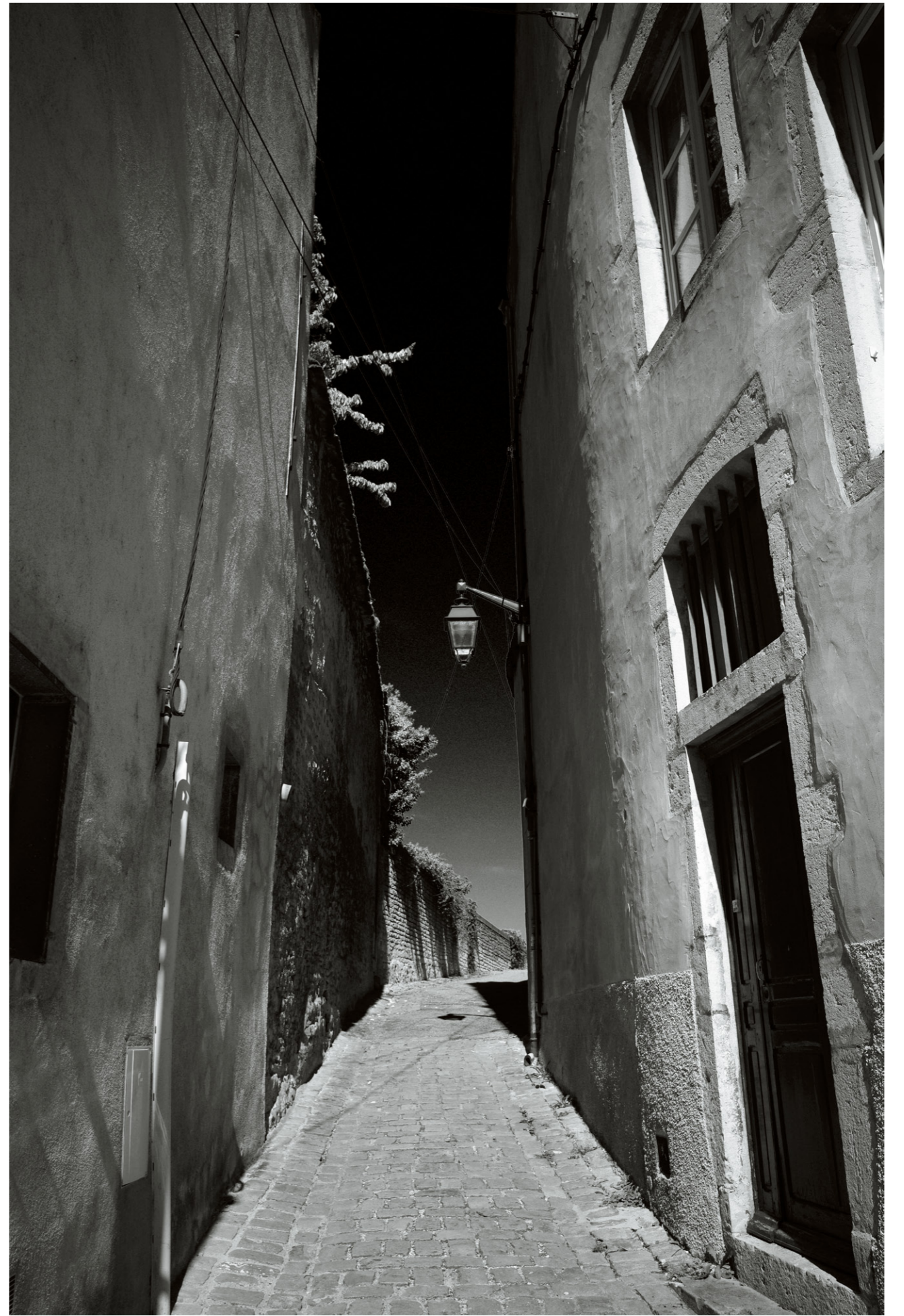


















GR

PHOTOGRAPHED BY ICHIGO SUGAWARA

Major Specifications

Lens	Lens Construction	6 elements in 4 groups (2 aspherical lens elements)
	Focal Length, Aperture	18.3mm(Approx. 28mm in 35mm equivalent focal length)/F2.8 to F16
Image Capture Unit	Image Sensor	Type:Primary color filter CMOS. Size:23.5mm×15.6mm
	Effective Pixels	Approx. 24.24 megapixels
	Sensitivity (Standard output)	ISO 100 to ISO 102400:Auto (ISO Auto Lower/Upper Limit and Minimum Shutter Speed can be set), Manual
	Image Stabilization	Sensor-shift shake reduction (SR)(3-axis)
	AA Filter Simulator	Moiré reduction using SR unit (Off, Low, High)
	Dust Removal	Image sensor cleaning using ultrasonic vibrations "DR II"
File Format	Still Image	File format:RAW(DNG)14bit, JPEG(Exif 2.3), DCF 2.0 compliant, Color space:sRGB, AdobeRGB Recorded Pixels:[3:2] L (24M:6000×4000), M (15M:4800×3200), S (7M:3360×2240), XS (2M:1920×1280), [1:1] L (16M:4000×4000), M (10M:3200×3200), S (5M:2240×2240), XS (1.6M:1280×1280)
	Movie	File format:MPEG4 AVC/H.264(MOV), Recorded Pixels:Full HD(1920×1080, 60p/30p/24p), Sound:Built-in stereo microphone, Recording Time:Up to 25 minutes or 4GB; automatically stops recording if the internal temperature of the camera becomes high.
	Storage Medium	Internal Memory (Approx. 2GB), SD/SDHC/SDXC Memory card (Conforms to UHS-I standards)
Focus	Type	Hybrid AF (image plane phase-matching and Contrast detection)
	Focus Mode	Auto-area AF, Zone AF, Select AF, Pinpoint AF, Tracking AF, Continuous AF, MF, Snap, ∞
	Face Detection	ON, Use only in Auto-area AF, OFF
	Focus Range (From lens face)	Normal:Approx. 0.1m to ∞, Macro Mode:Approx. 0.06m to 0.12m
Exposure	Exposure Mode	Program AE, Aperture Priority AE, Shutter Priority AE, Manual Exposure
	Metering Mode	Multi-segment, Center-weighted, Spot, Highlight-weighted
	Shutter Speed	1/4000 sec. to 30 sec. (Limitation by aperture setting F2.8:1/2500 sec. at F5.6 or greater:1/4000 sec.) Timed Exposure (10 sec. -20 min.), Bulb, Time
	EV Compensation	Still image : ±5EV, 1/3EV steps, Movie : ±2EV, 1/3EV steps
	ND Filter (2 EV)	AUTO, ON, OFF
White Balance	Auto White Balance, Multi Auto White Balance, Daylight, Shade, Cloudy, Fl. -Daylight Color, Fl. -Daylight White, Fl. -Cool White, Fl. -Warm White, Tungsten, CTE, Manual White Balance, Color Temperature	
	Fine Adjustment	Adjustable ±14 steps on A-B axis and G-M axis
Drive Mode	Drive	Single Frame Shooting, Continuous Shooting, Bracketing, Multi-exposure, Interval Shooting, Interval Composite
	Self-timer	10 seconds., 2 seconds., OFF
Shooting Functions	Image Control	Standard, Vivid, Monotone, Soft Monotone, Hard Monotone, Hi-Contrast B&W, Positive Film, Bleach Bypass, Retro, HDR Tone, Custom1, Custom2 Adjustment parameter: Saturation, Hue, High/Low Key Adjustment, Contrast, Contrast(Highlight), Contrast(Shadow), Sharpness, Shading, Clarity, Toning, Filter Effect, Grain Effect*, HDR Tone Level (Adjust parameter varies depending on the selected image setting)

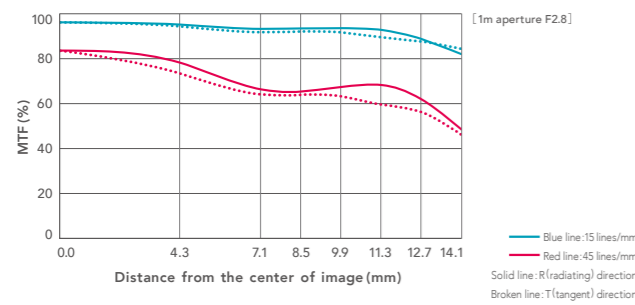
*This parameter will be available via a firmware update.

Shooting Functions	Crop	35mm, 50mm, OFF
	Dynamic Range Correction	Highlight Correction, Shadow Correction
	Noise Reduction	Slow Shutter Speed Noise Reduction, High-ISO Noise Reduction
	Display	Display magnification(4×, 16×), Grid display(4×4 Grid, 3×3 Grid), Histogram, Bright area warning, Electronic Level
Playback Functions	Playback View	Single frame, Multiple-image(20, 48 frame), Display magnification(up to 16×, 100% view and Quick Zoom view available), Histogram(Y histogram, RGB histogram), Grid display(3×3 Grid, 4×4 Grid), Bright area warning, Auto Image Rotation
	Base Parameter Adjustment	Brightness, Saturation, Hue, Contrast, Sharpness
	RAW Development	Aspect Ratio, JPEG Recorded Pixels, Color Space, White Balance, Image Control, Peripheral Illumination Correction, Sensitivity, High-ISO Noise Reduction, Shadow Correction
	Edit	Resize, Cropping, Levels Adjustment, White Balance Adjustment, Color Moiré Correction, Movie Edit(Cut, Divide)
LCD Monitor	Type	3.0 inch TFT color LCD(aspect ratio 3:2), Approx. 1037K dots, Wide viewing angle, Air-gapless tempered glass
	Touch Screen	Capacitive sensing method
	Adjustment	Brightness, Saturation, Blue/Amber, Green/Magenta, Outdoor View Setting: ±2 steps
Wireless LAN	Standards	IEEE 802.11b/g/n(HT 20)(Wireless LAN standard protocol)
	Frequency (Center Frequency)	2412 MHz to 2462 MHz(1ch to 11ch)
	Security	Authentication:WPA2, Encryption:AES
Bluetooth®	Standards	Bluetooth® v4.2 BLE (Bluetooth Low Energy)
	Frequency (Center Frequency)	2402 MHz to 2480 MHz(0ch to 39ch)
Interfaces	USB Type-C™	Battery Recharge/Power Supply(Optional AC Adapter required), Data Transfer:MTP, Video output:DisplayPort over USB-C (DisplayPort Alternative Mode)
	Hotshoe	Compatible with P-TTL Auto Flash; Flash Mode:Flash On, Flash On+Red-eye, Slow-speed Sync, Slow Sync+Red-eye; Flash Exposure Compensation:-2.0 to +1.0
	Lens Adapter Pin	Available
Power Supply	Battery Type	Rechargeable Battery DB-110
	AC Adapter	AC Adapter Kit K-AC166(Optional)
	Battery Life	Number of recordable images:Approx. 200 images*1 Playback time:Approx. 180 minutes*2
Dimensions and Weight	Dimensions	Approx. 109.4mm(W)×61.9mm(H)×33.2mm(D) (excluding operating controls and protrusions)
	Weight	Approx. 257g (including the dedicated battery and an SD memory card), Approx. 227g (Body only)
Language	English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Traditional Chinese, Simplified Chinese, Japanese	

*1 With a fully-charged Rechargeable Lithium-ion Battery under the temperature at 23°C. Tested in compliance with CIPA standard. Actual results may vary depending on the shooting condition.
*2 The playback time is a guide based on RICOH's measurement method. The actual number differs according to usage conditions.

RICOH GR III [Product Information] www.ricoh-imaging.co.jp/english/products/gr-3/ GR Official [GR Official Community Site] www.grblog.jp/en
RICOH IMAGING SQUARE [Showroom & Gallery] www.ricoh-imaging.co.jp/english/community/

MTF curve (wave optic MTF, 15 lines/mm, 45 lines/mm)



Storage Capacity (Estimate)

	Number of Recorded Pixels		Internal Memory (2GB)	SD Card (8GB)
Still Image	6000×4000	RAW	40 (shots)	150
	6000×4000	RAW+	31	117
	6000×4000	[L] (JPEG)	140	527
	4800×3200	[M] (JPEG)	218	820
	3360×2240	[S] (JPEG)	437	1646
	1920×1280	[XS] (JPEG)	1253	4717
Movie*	1920×1080	60p	3:16 (min.:sec)	12:17
	1920×1080	30p	6:25	24:09

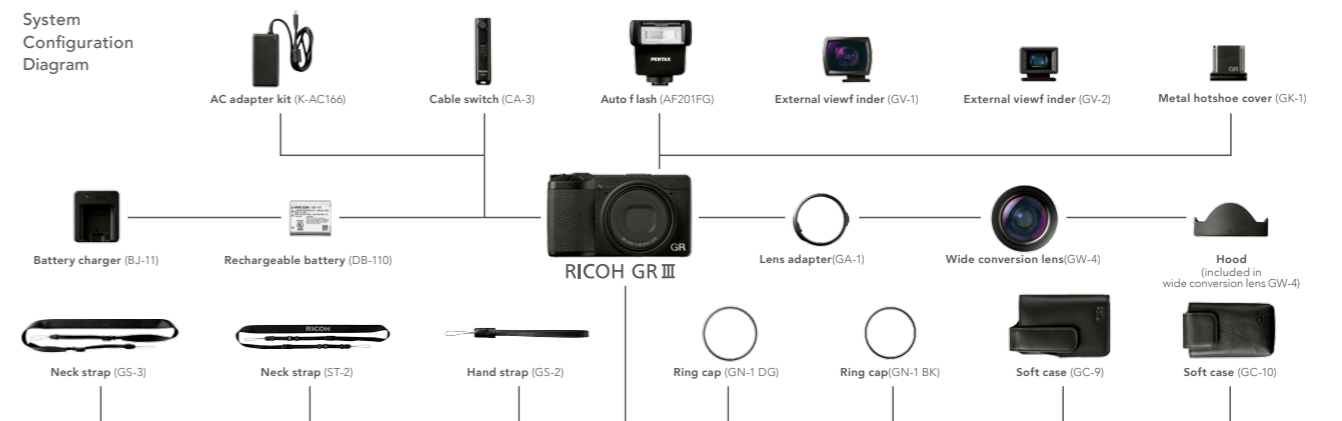
*The maximum recording time per shooting is 25minutes or 4GB.

<Operating Environment> It is confirmed that a USB connection can be established between this camera and PCs with the following OSs. [Windows]Windows 10(FU/CU) (32-bit/64-bit), Windows 8.1 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7(32-bit/64-bit); [Mac]macOS 10.14 Mojave, macOS 10.13 High Sierra, macOS 10.12 Sierra, macOS 10.11 El Capitan, macOS 10.10 Yosemite

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RICOH GR III Included Accessories: Rechargeable Battery DB-110, USB power adapter AC-U1, Power Plug, USB Cable I-USB166, Handstrap



*When using an external viewfinder with a conversion lens or hood, part of the view is interfered in the viewfinder. *External TTL flash GF-1 cannot be used with this model. *Hood & adapter GH-1/GH-2/GH-3, wide conversion lens GW-1/GW-2/GW-3, teleconversion lens GT-1, macro conversion lens GM-1, cable switch CA-1/CA-2, soft case GC-3/GC-4/GC-5, and jacket GC-6 cannot be used with this model.



