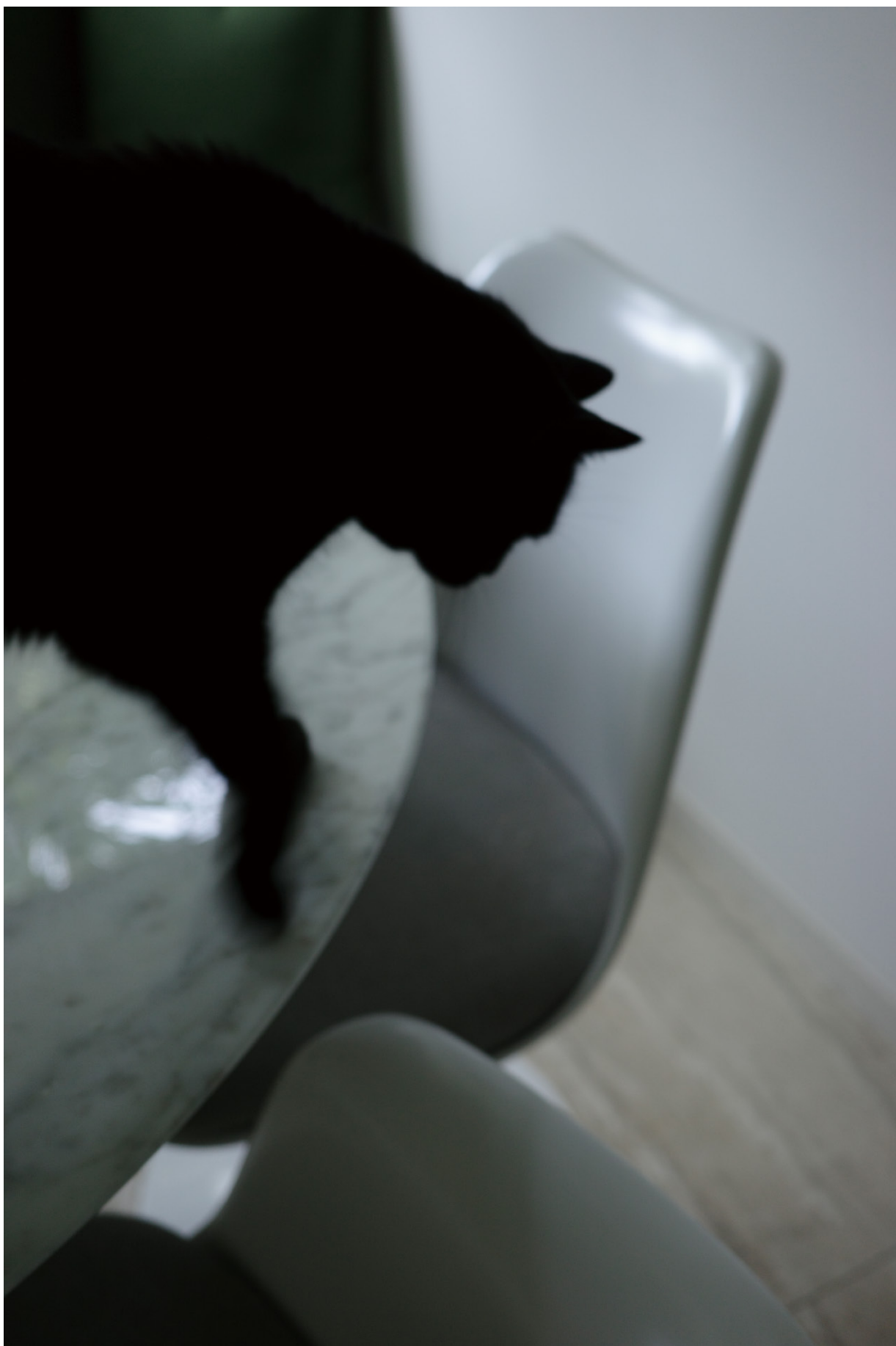


RICOH
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RICOH GR III
RICOH GR IIIx

GR



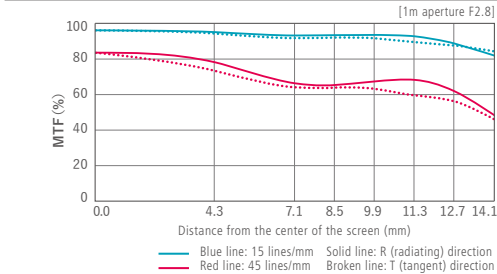




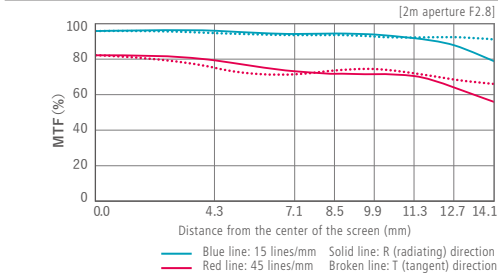
Specifications

Lens	Lens Construction	GR III: 6 elements in 4 groups (2 aspherical lens elements)		GR IIIx: 7 elements in 5 groups (2 aspherical lens elements)
	Focal Length, Aperture	GR III: 18.3mm(Approx. 28mm in 35mm equivalent focal length) F2.8~F16		GR IIIx: 26.1mm(Approx. 40mm in 35mm equivalent focal length) F2.8~F16
Image Capture Unit	Image Sensor	Type: Primary color filter CMOS. Size: 23.5mm x 15.6mm		
	Effective Pixels	Approx. 24.24 megapixels		
	Sensitivity (Standard output)	ISO100~102400: 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 Formats	Still Image	File Format: RAW (DNG) 14bit, JPEG (Exif 2.3), DCF2.0 compliant, Color Space: sRGB, AdobeRGB Recorded Pixels: 【3:2】L(24M:6000x4000), M(15M:4800x3200), S(7M:3360x2240), XS(2M:1920x1280) 【1:1】L(16M:4000x4000), M(10M:3200x3200), S(5M:2240x2240), XS(1.6M:1280x1280)		
	Movie	File Format: MPEG4 AVC/H.264 (MOV) Recorded Pixels: Full HD (1920x1080, 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 (1m, 1.5m, 2m, 2.5m, 5m,∞), ∞		
	Full Press Snap	Performs shooting by focusing at the Snap distance with a single press of the Shutter Release Button or a touch of the LCD Monitor		
	Face/Eye Detection*2	ON, Use only in Auto-area, OFF		
	Focus Range (From lens face)	GR III Normal: Approx. 0.1m~∞, Macro Mode: Approx. 0.06m~0.12m		GR IIIx Normal: Approx. 0.2m~∞, Macro Mode: Approx. 0.12m~0.24m
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. - 30 sec. (Limit by aperture setting F2.8: 1/2500 sec, F5.6 or greater: 1/4000 sec.) Timed Exposure (10sec. - 20min.), Bulb, Time		
	EV Compensation	Still Image: ±5EV, 1/3EV steps Movie: ±2EV, 1/3EV steps		
	ND Filter (2EV)	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 or G-M axis		
Drive Mode	Drive	Single Frame Shooting, Continuous Shooting, Bracketing, Multi-exposure, Interval Shooting, Interval Composite		
	Self-timer	10 sec., 2 sec., OFF		
Shooting Functions	Crop	GR III: 35mm, 50mm, OFF		GR IIIx: 50mm, 71mm, OFF
	Image Control	Standard, Vivid, Monotone, Soft Monotone, Hard Monotone, Hi-Contrast B&W, Positive Film, Bleach Bypass, Retro, Cross Processing*1, HDR Tone, Custom1, Custom2 Adjust parameters: Saturation, Hue, High/Low Key Adjustment, Contrast, Contrast (Highlight), Contrast (Shadow), Sharpness, Shading, Clarity, Toning, Filter Effect, Grain Effect*1, HDR Tone Level, Color Tone*1 (Adjust parameter varies depending on the selected image setting)		

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



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



Shooting Functions	Dynamic Range Correction	Highlight Correction, Shadow Correction	
	Noise Reduction	Slow Shutter Speed Noise Reduction, High-ISO Noise Reduction	
	Horizon Correction*1	SR On: correction up to 1 degrees, SR Off: correction up to 1.5 degrees	
	Display	Display magnification (4x, 16x), Grid display (4x4 Grid, 3x3 Grid), Histogram, Bright area warning, Electronic Level	
Playback Functions	Playback View	Single frame, Multi-image (20, 48 frames), Display magnification (up to 16x, 100% view and Quick Zoom view available), Histogram (Y histogram, RGB histogram), Grid display (3x3 Grid, 4x4 Grid), Bright area warning, Auto Image Rotation	
	Base Parameter Adjustment	Normal editing, Monotone editing*2 Parameter: Brightness, Saturation, Filter Effect*2, Hue, Toning*2, Contrast, Sharpness (Adjust parameter varies depending on the selected editing setting)	
	RAW Development	Aspect Ratio, JPEG Recorded Pixels, Color Space, White Balance, Image Control, Peripheral Illumination Correction, Sensitivity, High-ISO Noise Reduction, Shadow Correction	
LCD Monitor	Edit	Delete, Protect, Image Rotation, Image Copy, File Transfer, Resize, Cropping (Aspect ratio and Slant adjustment*2 available), Levels Adjustment, White Balance Adjustment, Color Moiré Correction, Movie Edit (Cut), Movie Edit (Divide)	
	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	
	Adjustments	Brightness, Saturation, Blue/Amber, Green/Magenta, Outdoor View Setting: ±2 Steps	
Wireless LAN	Standards	IEEE 802.11b/g/n (HT20) (Wireless LAN standard protocol)	
	Frequency (Center Frequency)	2412MHz~2462MHz (1ch~11ch)	
Bluetooth®	Security	Authentication: WPA2, Encryption: AES	
	Standards	Bluetooth® v4.2 (Bluetooth Low Energy)	
Interfaces	Frequency (Center Frequency)	2402MHz~2480MHz (CH0~CH39)	
	USB Type-C™	Battery Recharge/Power Supply (Optional AC Adapter required), Data Transfer: MTP, Video output: DisplayPort over USB-C (DisplayPort Alternative Mode)	
Power Supply	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 ~+1.0	
	Lens adapter pin	Available	
	Battery Type	Rechargeable Battery DB-110	
	AC Adapter	AC Adapter Kit K-AC166(Optional)	
Dimensions and Weight	Battery Life	Number of recordable images: Approx. 200 images * 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. Playback time: Approx. 180 minutes * The playback time is a guide based on RICOH's measurement method. The actual number differs according to usage conditions.	
	Dimensions	GR III: Approx. 109.4(W)×61.9(H)×33.2(D)mm (excluding protrusions)	GR IIIx: Approx. 109.4(W)×61.9(H)×35.2(D)mm (excluding protrusions)
Included Accessories	Weight	GR III: Approx. 257g (Included dedicated battery and SD memory card), Approx. 227g (Body only)	GR IIIx: Approx. 262g (Included dedicated battery and SD memory card), Approx. 232g (Body only)
	Language	Rechargeable Battery DB-110, USB Power Adapter, Power Plug, USB Cable I-USB166, Handstrap	
Language		English, French, Germany, Spanish, Portuguese, Italy, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese	

*1 The latest firmware is required to use the full feature with GR III *2 GR III will be supported with the coming firmware update.



RICOH GR III / GR IIIx : Included Accessories: Rechargeable Battery DB-110, USB Power Adapter, Power Plug, USB Cable I-USB166, Handstrap

RICOH GR III/GR III x 【Product Information】

www.ricoh-imaging.co.jp/english/products/gr-3/ >>>>



GR official Community Site www.grblog.jp/en/ >>>>



Attention

In order to use GR III/ GR IIIx products properly and safely, you are strongly advised to read the operating manuals carefully and thoroughly before use.

• Images taken with this product that are for anything other than personal enjoyment cannot be used without permission according to the right 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 copyright 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.

