RICOH
imagine. change.

GR
GRIII Diary Edition

The most compact digital high-end camera for everyday snapshot, travel and street. The camera you always take with you.

	ART. CODE	EAN
RICOH GR III Diary Edition	1293	0027075311183

GR III DiaryEdition

The camera body is treated with an exclusive metallic warm-gray finish; the metallic appearance and surface texture have been designed to enhance the sense of reliability and quality, and also to assure firm hold of the camera body. This finish also gives the camera an appearance that is less insistent of its role as an imaging tool, with the warm color helping it blend more easily into daily life. The grip rubber has a dark-brown finish, creating a sense of unity with the camera body. When mounted, the ring cap with a natural-silver finish accentuates the warm-color camera body and enhances the sense of quality and exclusiveness.

- The camera features a new image-control mode that provides a negative-film finishing touch. Based on the visual effects created only by negative film, this mode produces an exquisite balance between rich colors and somewhat discolored prints resulting from using negative film.

- In another new feature, the camera displays the number of images captured during the day, the total number of recorded images, and the firmware version just before its power is shut off.

- When the camera's power is turned off, the camera displays an original shut-down screen featuring the original, emboss-type product logo, against a background harmonizing a fabric-like texture and a color symbolizing the camera body finish.

APS-C sensor unit with Sensor Shift Shake Reduction

- 24.24 MP CMOS sensor
- AA filter-free design for best possible sharpness and detail resolution
- 3-axis Shake Reduction, for 4 stops of exposure reliability
- Reduced risk of camera shake due to shock, vibration or movement
- Sensor dust cleaning function

Image-Control function

- 10 different settings for film simulation; now with monotone
- Individual settings of the image look can be stored in the image control

High resolution touch screen monitor

- High-resolution 3.0-inch LCD monitor with approx. 1,037,000 pixels
- Intuitive camera control through operation on the touch-sensitive camera monitor
- Air gapless design reduces reflections and allows working on the monitor even in direct sunlight
- Colour and brightness of the image on the monitor can be adjusted individually
- Specially hardened glass surface protects against scratches and damage

Mobile communication via Bluetooth® and W-LAN

- Wireless connection to mobile devices such as smartphones or tablets
- Newly developed image sync application, now with image size reduction
- Fast and direct upload to social networks
- Bluetooth® connection enables camera control via mobile phone
- Images can be tagged with GPS data
- Built-in stereo microphone

Kit Accessories

RECHRGEABLE BATTERY DB-110	37838	0027075300378
USB CABLE I-USB166	37822	0027075300330
RING CAP GN-1(NS)		
RING CAP GN-2 (BLACK) HOTSHOE	37819	0027075300323
COVER	37818	0027075300316

Optional Accessories

BATTERY CHARGER BJ-11	37861	0027075300385
RECHRGEABLE BATTERY DB-110	37838	0027075300378
EXTERNAL VIEW FINDER GV-1	172780	0026649727801
EXTERNAL VIEW FINDER GV-2	175090	
LENS ADAPTER GA-1	37817	0027075300309
WIDECONVERSION LENS GW-4	30248	0027075300156
SOFT CASE GC-11	30485	0027075303997
SOFT CASE GC-12	30486	0027075304000
RICOH STRAP ST-2	174790	
RICOH STRAP GS-2	173381	
RICOH STRAP GS-3	175810	0026649758102
RICOH CABLE SWITCH CA-3	30004	0027075295650
METAL HOTSHOE COVER GK-1	30252	0027075300569
RING CAP GN-1 (BLACK)	37819	0027075300323
RING CAP GN-1 (DARK GREY)	37823	0027075300620
AC ADAPTER KIT K-AC166E	38371	0027075301030

Packaging

RICOH GR III DIARY EDITION

PACK SIZE	142 (W) x (H) 100 x (D) 178mm
WEIGHT	635gr

RICOH GR III Diary Edition

MODEL DESCIPTION

TYPE	Compact camera with fixed focal lenght

IMAGE CAPTURE UNIT

TYPE	Primary color filter CMOS. Size: 23.5mm x 15.6mm
EFFECTIVE PIXELS	Approx. 24.24 mega pixels
TOTAL PIXELS	Approx. 24.79 mega pixels
SENSITIVITY	ISO100～102400: Auto, Manual:
	(ISO Auto Lower/Upper Limit and Minimum Shutter Speed can be set)
IMAGE STABILIZATION	Sensor-shift shake reduction (SR) (3-axis: Pitch, Yaw, Roll)
SHAKE REDUCTION STEPS	4 EV steps
AA FILTER SIMULATOR	Moiré reduction using SR unit (Off, Low, High)
DUST REMOVAL	Image sensor cleaning using ultrasonic vibrations "DR II"
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
DYNAMIC RANGE CORRECTION	Highlight Correction, Shadow Correction
NOISE REDUCTION	Slow Shutter Speed Noise Reduction, High-ISO Noise Reduction

FILE FORMATS

STILL	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 MEDIA	SD/SDHC/SDXC Memory Card (Conforms to USH-I standards)
BUILT-IN MEMORY	Approx. 2GB

LENS

FOCAL LENGTH	18.3mm
35MM FORMAT EQUIVALENT	Approx. 28mm
DIGITAL CROP	Crop1: 50mm, Crop2: 35mm, Crop3: 21mm (with adapter)
APERTURE	F2.8～F16
CONSTRUCTION	6 elements in 4 groups (2 aspherical lens elements)
MACRO RATIO	0.35x

AUTO FOCUS SYSTEM

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, Snapshot to pre-selected areas (1m, 1.5m, 2m, 2.5m, 5m),, ∞
FOCUS RANGE	Normal: Approx. 0.1m～∞, Macro Mode: Approx. 0.06m～0.12m
FACE DETECTION	ON, Use only in Auto-area, OFF
AF ASSIST LAMP	Available: Built-in LED AF assist light

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
ADJUSTMENTS	Brightness, Saturation, Blue/Amber, Green/Magenta, Outdoor View Setting: ±2 Steps
MAGNIFICATION	Display magnification (4x, 16x), Grid display (4x4 Grid, 3x3 Grid), Histogram, Bright area warning, Electronic Level

EXPOSURE CONTROL

METERING RANGE	0～22EV（ND-AUTO）
STARTUP TIME	0,8s
RELEASE TIME	lag 30ms
EXPOSURE MODE	Program AE, Aperture Priority AE, Shutter Priority AE, Manual Exposure
METERING SYSTEM	Multi-segment, Center-weighted, Spot, Highlight-weighted, programme line for depth of field priority and maximum aperture priority
SHUTTER SPEED	1/4000 sec. - 30 sec. (Limit by aperture setting F2.8: 1/2500 – 1/4000 sec.), Timed Exposure (10sec. - 20min.), Bulb, Time
SHUTTER TYPE	Lens Shutter
EV COMPENSATION	Still Image: ±5EV, 1/3EV steps, Movie: ±2EV, 1/3EV steps
ND FILTER	AUTO, ON, OFF

SHOOTING FUNCTIONS

DRIVE MODES	Single Frame Shooting, Continuous Shooting, Bracketing, Multi-exposure, Interval Shooting, Interval Composite
SELF TIMER	10 sec., 2 sec., OFF
MULTI-EXPOSURE	Composite mode: Additive/Average/Bright, Save interim images: OFF/Unblended/Blended/Unblended+Blended
SHOOTING MODES	Interval Shooting: Interval: Min, 1sec. - 60min., Number of shots: ∞, 2-99 times, Start Interval: Now/ Set Time
	Interval Composite: Shooting period: ∞, 10min. - 24hour, Start Interval: Now/Set Time, Save Inerim images: OFF/Unblended/Blended
HORIZON CORRECTION	SR On: correction up to 1 degrees, SR Off: correction up to 1.5 degrees

FLASH

BUILD-IN FLASH	not available
HOT SHOE	Compatible with P-TTL Auto Flash of actual PENTAX FLASH Lineup
FLASH SYNC SHUTTER SPEED	All shutter speeds
FLASH MODE	Flash On, Flash On+Red-eye, Slow-speed Sync, Slow, Sync+Red-eye Flash Exposure Compensation: -2.0 -+1.0

CAPTURE SETTING

IMAGE CONTROL	Standard, Vivid, Monotone, Soft Monotone, Hard Monotone, Hi-Contrast B&W, Positive Film, Negative Film, Bleach Bypass, Retro, HDR Tone, Custom1, Custom2
ADJUST PARAMETERS	Saturation, Hue, High/Low Key Adjustment, Contrast, Contrast (Highlight), Contrast (Shadow), Sharpness, Shading, Clarity, Toning, Filter Effect, HDR Tone Level (Adjust parameter varies depending on the selected image setting)

MOVIE

FILE FORMAT	MPEG4 AVC/H.264 (MOV)
RECORDED PIXELS	Full HD (1920x1080, 60p/30p/24p)
RECORDING TIME	Up to 25 minutes or 4GB; automatically stops recording if the internal temperature of the camera becomes high
SOUND	Built-in stereo microphone
EV COMPENSATION	±2EV, 1/3EV steps
WHITE BALANCE FOR MOVIE	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
IMAGE CONTROL FOR MOVIE	Standard, Vivid, Monotone, Hard Monotone, Hi-Contrast B&W, Positive Film, Bleach Bypass, Retro, HDR Tone, Custom1, Custom2

PLAYBACK

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: 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), Movie Edit (Divide)
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), Movie Edit (Divide)

CUSTOMAZATION

USER MODE	Save setting (Max 3 settings can be saved), Rename setting, Recall setting, Delete setting
FOLDER NAME	Date (100_1018,101_1019...) or User assigned folder name (Default "RICOH")
FILE NAME	"R0******" or User assigned file name File name numbering: Sequential, Reset
CUSTOMIZE CONTROLS	M Mode Dial Setting, ADJ Mode Setting, Fn Button Setting, Shutter Release Button Setting, 4-way Controller Action, Shutter Release Button Confirmation, LCD Touch Operation, Touch AF
CUSTOMIZE DISPLAY	Shooting Information Display Setting, Playback Information Display Setting, Instant Review, Zoom Review, Focus Magnification, Grid Guide type, Electronic Level type, Flicker Reduction
LANGUAGES	English, French, Germany, Spanish, Portuguese, Italy, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese
NEW ACCESSORY	External viewfinder for 40mm (KB equivalent)
	75mm conversion lens GT-2 (requires lens adapter GA-2)

MOBILE COMMUNICATION WIRELESS LAN

FUNCTION	For easy pairing with mobile devices such as smartphones and tablet computers. By installing the dedicated Image Sync application on a mobile device, the user can display a Live-View image on the device's monitor, release the shutter and send various commands from the device. The wireless LAN connection also makes it easy to upload captured images onto SNS sites.
STANDARDS	IEEE 802.11b/g/n (HT20) (Wireless LAN standard protocol)
FREQUENCY	(Center Frequency) 2412MHz～2462MHz (1ch～11ch)
SECURITY	Authentication: WPA2, Encryption: AES

BLUETOOTH®

FUNCTION	Camera can be activated and establish wireless LAN connection even though it is in the Sleep Mode. By connecting with the Image Sync app the location data obtained by the smartphone can be recorded onto captured images.
STANDARDS	Bluetooth® v4.2 BLE(Bluetooth Low Energy）
FREQUENCY	(Center Frequency) 2402MHz～2480MHz (CH0～CH39)

POWER SUPPLY

POWER SOURCE	Rechargeable Battery DB-110
AC ADAPTER	AC Adapter Kit K-AC166(Optional)
BATTERY LIFE	Number of recordable images: Approx. 200 images,
	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
BATTERY CHARGING	With USB-C Adapter cable camera interanal

INTERFACES

USB TYPE-C™	Battery Recharge/Power Supply (Optional AC Adapter required), Data Transfer: MTP, Video output: DisplayPort over USB-C (DisplayPort Alternative Mode)

OPERATING ENVIRONMENT

TEMPERATURE	0°C ~ 40°C
HUMIDITY	85% or less (no condensation)

DIMENSIONS & WEIGHT

DIMENSIONS	Approx.. 109.4(W)×61.9(H)×35.2(D)mm (excluding protrusions)
WEIGHT	Approx. 262g (Included dedicated battery and SD memory card), Approx. 232g (Body only)

SYSTEM REQUIREMENTS

PC	Windows® 7, Windows® 8.1, Windows® 10
MAC	Mac OS X 10.8, 10.9, 10.10, 10.11, 10.12, 10.13