



A high-end digital compact camera, designed for the ultimate in snapshot photography

	ART. CODE	EAN
RICOH GR III	1291	027075311169

APS-C Sensor Unit with Sensor Shift Shake Reduction

- 24.24 MP - CMOS-Sensor
- AA-Filter free design to enhance image resolving power
- Three-axis, shake reduction, Compensation up to four shutter steps
- Effectively compensation of camera shake caused by pitch, yaw and roll
- Sensor cleaning function

Newly designed, high-resolution GR LENS

- GR LENS 18.3 F2.8 equiv. to 28 mm in 35 mm format
- high-refraction, low-dispersion glass element and a glass-molded element allows it to deliver the clearest, sharpest images in GR-series history
- Macro Shooting mode at a minimum focusing distance of six centimeters

Hybrid AF system

- Combining a contrast-type AF mechanism superior in focusing precision with a phase-detection-type AF mechanism assuring high-speed focusing operation

High-definition LCD monitor

- 3.0-inch high-definition LCD monitor with approximately 1,037,000 dots
- touch-screen operation provides intuitive control of various camera functions, such as AF frame shift, menu selection, and image magnification and advance during playback
- Air gapless construction effectively reduce the reflection and dispersion of light for improving visibility during outdoor shooting
- Outdoor View Setting allows instant adjustment of the monitor's brightness
- Protective cover made of reinforced glass

Image Control function

- Using 10 basic Image Control modes
- A set of adjusted parameters can be added as a custom setting to the Image Control function

Bluetooth® and wireless LAN dual communication

- For easy pairing with mobile devices such as smartphones and tablet computers
- Newly developed Image Sync application
- Upload captured images onto SNS sites
- The camera also provides seamless Bluetooth® connection to facilitate camera operation
- Location data obtained by the smartphone can be recorded onto captured images

Full HD movie recording

- MPEG4 AVC / H.264 (MOV)
- 1920 x1080, 60p/30p/24p
- Built-in stereo microphone

Kit Accessories

RECHARGEABLE BATTERY DB-110	37838	027075300378
USB CABLE I-USB166	37822	027075300330
HAND STRAP		
RING CAP GN-1	37819	027075300323
HOTSHOE COVER	37818	027075300316

Optional Accessories

BATTERY CHARGER BJ-11	37861	027075300385
RICOH EXTERNAL VIEW FINDER GV-1 W/W	172780	026649727801
RICOH EXTERNAL VIEW FINDER GV-2 W/W	175090	
RICOH EXTERNAL TTL FLASH GF-1 EUR	170434	961311854118
LENS ADAPTER GA-1	37817	027075300309
WIDECONVERSION LENS GW-4	30248	027075300156
SOFT CASE GC-9	30249	027075300545
SOFT CASE GC-10	30251	027075300552
RICOH STRAP ST-2 WW	174790	
RICOH STRAP GS-3 WW	175810	026649758102
RICOH STRAP GS-2 WW	173381	
METAL HOTSHOE COVER GK-1	30252	027075300569
RING CAP GN-1 (BLACK)	37819	027075300323
RING CAP GN-1 (DARK GRAY)	37823	027075300620
AC ADAPTER KIT K-AC166E	38371	027075301030
RICOH CABLE SWITCH CA-3	30004	027075295650



EXT. VIEW FINDER GV-1



EXT. VIEW FINDER GV-2



LENS ADAPTER GA-1



CONVERSION LENS GW-4



BATTERY CHARGER BJ-11



METAL HOTSHOE COVER GK-1



RING CAP GN-1



SOFT CASE GC-9



SOFT CASE GC-10

RICOH GR III

MODEL DESCRIPTION

TYPE Compact camera with fixed focal length

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
 DYNAMIC RANGE CORRECTION Fine Adjustment: Adjustable ±14 steps on A-B axis or G-M axis
 NOISE REDUCTION Highlight Correction, Shadow Correction
 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
 RECORDED PIXELS File Format: MPEG4 AVC/H.264 (MOV)
 RECORDING TIME Full HD (1920x1080, 60p/30p/24p), Sound: Built-in stereo microphone
 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 35 mm, 50 mm
 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, Snap, ∞
 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
 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
 CONTINUOUS SHOOTING 4fps up to ??? frames
 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 Interim images: OFF/Unblended/Blended

FLASH

BUILT-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, 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 RAW Development: Aspect Ratio, JPEG Recorded Pixels, Color Space, White Balance, Image Control, Peripheral Illumination Correction, Sensitivity, High-ISO Noise Reduction, Shadow Correction
 EDIT 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)

CUSTOMIZATION

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

MOBILE COMMUNICATION

WIRELESS LAN FUNCTION

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

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.
 BATTERY CHARGING Playback time: Approx. 180 minutes
 * The playback time is a guide based on RICOH's measurement method
 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)×33.2(D)mm (excluding protrusions)
 WEIGHT Approx. 257g (Included dedicated battery and SD memory card), Approx. 227g (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