



ADVANTAGES

Superior image quality

- 16.2 MP APS-C CMOS sensor
- Superb image quality from edge to center
- Low noise on high ISO. High dynamic range
- High-performing GR Lens eq. to 28mm F2.8 (2 aspherical elements)
- 21mm converter lens (optional)
- Crop mode for 35mm and 47mm
- Sharp imaging performance
- Distortion and chromatic aberration correction
- New GR ENGINE V
- Excellent colour reproduction
- Sensitivity up to 25 600 ISO
- Full HD movie with HDMI terminal
- 3" LCD monitor 1230k dots with protective acrylic cover

High Speed

- High speed start-up time approx 1sec
- High speed AF approx. 0.2 sec
- High speed shutter release time lag approx. 0.03 sec
- Continuous Shooting up to 4 fps
- Shutter speed 1/4000 sec

Professional Features

- TAv and PASM modes
- Dedicated AF-L/AF-C button
- Built-in RAW development
- Aperture preview
- Numerous Shortcuts and customizable functions for intuitive operation
- Bracketing function / Interval mode / Custom Image / Multiple exposure shooting / Four aspect ratio modes [16:9], [4:3], [3:2], and [1:1]
- Various mode effects
- Wide range of optional accessories

Connectivity

- Built in Wi-Fi and NFC Module for Image transferring and sharing
- GR Remote for remote controlling with Smart Phone

Design

- Shaped rubber grip for a comfortable hold
- Compact and Light — 221g body only
- Magnesium alloy body

Dimensions: approx. 117mm(W)×63mm(H)×34.7mm(D) (excluding projecting parts)

Weight: 221g (body only), 251g (loaded & ready)

GR II

CAPTURE THE JOURNEY.
IMAGE QUALITY MEETS
CONNECTIVITY.

	Art. Code	EAN
GR II BLACK	175844	4961311902567

SUPPLIED ACCESSORIES

Rechargeable battery DB-65
USB power adapter
USB cable
Software (CD-Rom)
Hand strap

OPTIONAL ACCESSORIES



External viewfinder GV-1
172780



Leather case GC-5
175790



Wide conversion lens 21mm
175780



Flash TTL GF-1
170434



External mini viewfinder GV-2
175090



Adapter and lenshood GH-3
175770

Rechargeable battery DB-65 - 174584
Battery charger BJ-6 - 171874
Leather case GC-5 - 175790
Leather case GC-6 - 175800
HDMI cable HC-1 WW - 173611
Cable switch CA-2 - 172684
Adapter and lenshood GH-3 - 175770
External viewfinder GV-1 - 172780
External mini viewfinder GV-2 - 175090
Wide Conversation Lens GW-3 WW - 175780
External Flash TTL GF-1 - 170434
Leather Hand strap GS-2 - 173381
Neck strap GS-3 - 175810
Neck strap ST2 - 174790

SENSOR

Resolution	approx. 16.2 megapixel (effective) approx. 16.9 megapixel (total)
Sensorsize	23.7 x 15.7mm size CMOS
Sensibility	Auto, AUTO-HI (Maximum ISO/Minimum ISO selected), 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)
Dynamic range	Auto, Weak, Medium, Strong
Noise reduction	Auto, Manual

FILE FORMATS

Photo format	JPEG (conforms to Exif 2.3), RAW (DNG) 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) 1:1 3264×3264 (L), 2608×2608 (M), 1936×1936 (S), 864×864 (XS)
Video format	MPEG, 4 AVC/H.264 Full HD (1920×1080, 30p/25p/24p) HD (1280×720, 60p/50p/30p/25p/24p) VGA (640×480, 30p/25p/24p)
Sound	monaural (audio sampling rate : 32KHz, 16bit, stereo)
Externe memory	compatible SD/SDHC memory card, SDXC memory card (Conforms to UHS-I standards)
Internal memory	Approx. 54 MB

LENS

Construction	RICOH lens, 7 elements in 5 groups (2 aspherical lens elements)
Focal length	18.3mm, approx. 28mm in 35mm
Aperture	F2.8-16
Crop Function	for 35mm and 47mm

LCD SCREEN

Type	3.0" transparent TFT color LCD color, approx. 1.230K dots, with protective acrylic cover, 160°
LCD Frame rate	60 fps

FOCUSING

Focus type	TTL contrast detection auto focus system
Focusing modes	Multi AF, Spot AF (Contrast AF method), Pinpoint AF, Subject tracking AF, MF, Snap, infinity, Face recognition priority (in Auto mode / in Effect Portrait mode), Continuous, Full Press Snap
Focus range	Standard: approx. 0.3m to infinity Macro: approx. 0.1m to infinity Manual: 0.1m to infinity
Face detection	AF&AE available for Auto modes, up to 10 faces
Largest magnification	approx 0.2X (with Macro mode and focal length 18.3mm)
AF Assist lamp	available

FLASH

Flash modes	Auto, Flash On, Slow Synchro, Manual Flash, Auto Red-Eye Flash, Flash On Red-Eye, Slow Synchro Red-Eye, Wireless
Flash range	0.2m - 3.0m (ISO AUTO)
Guide number	5.4 (ISO 100 equivalent)

EXPOSURE CONTROL

TTL Metering modes	TTL metering in multi, center-weighted and spot modes with autoexposure lock
Exposure modes	Auto shooting mode, Program shift mode, Aperture priority mode, Shutter priority mode, Shutter/Aperture priority mode, Manual exposure mode, Movie, My Settings Mode
Shutter speed	1/4000-300sec, Bulb, Time
Exposure compensation	Still: ±4EV in increments of 1/3EV Movie: ±2EV in increments of 1/3EV
Other	Flash exposure compensation

VIDEO

Resolution	1920×1080, 1280×720, 640×480
Movie edit functions	Clip Movie File, Save still image from movie

SHOOTING FEATURES

Shooting mode	White Balance bracket (Preset available), Effect bracket, Dynamic range bracket, Contrast bracket, Multiple exposure shooting, Interval shooting*, Self-timer 2sec., Custom, Slow Shutter Speed NR, Color space setting, Interval composite
Continuous shooting	approx. 4 fps (max. frames at cont. Shoot: 999 frames) RAW/RAW+: approx. 10 frames
Effect	Black&White, B&W (TE), High Contrast B&W, Cross Process, Positive Film, Bleach Bypass, Retro, Miniaturize, Shift Crop, High Key, HDR Tone, Clarity, Brilliance, Slight, Vibrant, Bright, Portrait
Image Tone	Vivid, Standard, Setting 1, Setting 2
Others	ND Filter(On/Auto), Slow Shutter Speed NR, Color space setting, Interval composite, Histogram, Grid Guide, Depth-of-field indicator, Electronic level indicator

OTHER FEATURES

Date Imprint	Date Imprint available (Date, Date & time)
Languages	English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese
Playback Functions	Auto Rotate, Highlight Alert, Grid View, Enlarged Display (up to 16x), Slideshow, Protect, Resize, Skew Correction, Level Compensation, White Balance Compensation, Trim, DPOF Setting, Color Moire Correction, RAW Development
Start-up time	approx. 1 sec.
Release Time lag	approx. 0.03 sec

POWER SUPPLY

Power source	Rechargeable DB-65 lithium-ion battery Optional AC adapter kit is also available
Capacity	Still*: approx. 290 shots Playback**: approx. 190 min. Movie*: approx. 45 min. ** (with rechargeable Lithium-ion battery)
	* 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 RICOH in-house testing

INTERFACES

Interfaces	AV/USB output terminal (USB2.0, video output (NTSC/PAL), audio output (monaural)), HDMI output terminal
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DIMENSIONS & WEIGHT

Dimensions	117(W)×63(H)×34.7(D) mm (excluding projecting parts)
Weight	221g (body only), 251g (loaded & ready)

WIRELESS LAN

Standards	IEEE 802.11b/g/n
Frequency (Center Frequency)	2412MHz~2462MHz (1ch~11ch)
Security	Authentication: WPA2 Encryption: AES

NFC

Standards	ISO/IEC14443 TypeA, ISO/IEC14443 TypeB, JIS X 6319-4 (Automatically selected)
Operating Frequency	13.56MHz

SYSTEM REQUIREMENT

PC	Windows 8.1 (32bit/64bit)/ Windows 8 (32bit/64bit)/ Windows 7 (32bit/64bit) / Windows Vista (32bit/64bit)
Mac	OS X 10.10 / 10.9 / 10.8 / 10.7