

Effective Pixels	Approx. 24.24 megapixels
Sensitivity	ISO100~102400: Auto (ISO Auto Lower/Upper Limit and Minimum Shutter Speed can be set), Manual:
Focal Length	18.3mm (Approx. 28mm in 35mm equivalent focal length), F2.8~F16
Image Stabilization	Sensor-shift shake reduction (SR)(3-axis)
Lens Construction(group/elements)	6 elements in 4 groups (2 aspherical lens elements)
Weight (g)	Approx. 257g (Included dedicated battery and SD memory card), Approx. 227g (Body only)
Focus Range	Normal: Approx. 0.1m~∞, Macro Mode: Approx. 0.06m~0.12m
Face Detection	ON, Use only in Auto-area, OFF
Image Sensor	Type: Primary color filter CMOS. Size: 23.5mm x 15.6mm
Type	Hybrid AF (Image plane phase-matching and Contrast detection)
Focus modes	Auto-area AF, Zone AF, Select AF, Pinpoint AF, Tracking AF, Continuous AF, MF, Snap, ∞
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
Drive Modes	Single Frame Shooting, Continuous Shooting, Bracketing, Multi-exposure, Interval Shooting, Interval Composite
Metering Modes	Multi-segment, Center-weighted, Spot, Highlight-weighted
Exposure Modes	Program AE, Aperture Priority AE, Shutter Priority AE, Manual Exposure
EV Compensation	Still Image: ±5EV, 1/3EV steps, Movie: ±2EV, 1/3EV steps
ND Filter (2EV)	AUTO, ON, OFF
Dimensions	Approx.. 109.4(W)×61.9(H)×33.2(D)mm (excluding protrusions)
Language	English, French, Germany, Spanish, Portuguese, Italy, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese
Included Accessories	Yellow-Orange Lens Ring, Black Lens Ring, Rechargeable Battery DB-110 x 2, USB Power Adapter, Power Plug, USB Cable I-USB166
AA Filter Simulator	Moiré reduction using SR unit (Off, Low, High)
Fine Adjustment	Adjustable ±14 steps on A-B axis or G-M axis

Still	File Format: RAW (DNG) 14bit, JPEG (Exif 2.3), DCF2.0 compliant Color Space: sRGB, AdobeRGB
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.
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
Self-timer	10 sec., 2 sec., OFF
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 –+1.0
Lens adapter pin	Available
AC adapter available	AC Adapter Kit K-AC166(Optional)
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.
Battery Life	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.
Battery Type	Rechargeable Battery DB-110
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
Wireless Standards	IEEE 802.11b/g/n (HT20) (Wireless LAN standard protocol)
Wireless Frequency	2412MHz~2462MHz (1ch~11ch)
Wireless Security Authentication	Authentication: WPA2, Encryption: AES
Dust Removal	Image sensor cleaning using ultrasonic vibrations
Storage Medium	Internal Memory (Approx. 2GB), SD/SDHC/SDXC Memory Card (Conforms to UHS-I standards)
Adjustment	Brightness, Saturation, Blue/Amber, Green/Magenta, Outdoor View Setting: ±2 Steps
Crop	35mm, 50mm, OFF
Image Control	* This parameter will be available via a firmware update.
Image Control	Adjust parameters: Saturation, Hue, High/Low Key

	Adjustment, Contrast, Contrast (Highlight), Contrast, Sharpness, Shading, Clarity, Toning, Filter Effect, Grain Effect*, HDR Tone Level (Adjust parameter varies depending on the selected image setting)
Image Control	Standard, Vivid, Monotone, Soft Monotone, Hard Monotone, Hi-Contrast B&W, Positive Film, Bleach Bypass, Retro, HDR Tone, Custom1, Custom2
Dynamic Range Correction	Highlight Correction, Shadow Correction
Noise Reduction	Slow Shutter Speed Noise Reduction, High-ISO Noise Reduction
Display	Display magnification (4x, 16x), Grid display (4×4 Grid, 3×3 Grid), Histogram, Bright area warning, Electronic Level
Playback View	Single frame, Multi-image (20, 48 frames), Display magnification (up to 16x, 100% view and Quick Zoom view available)
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)
Frequency (Center Frequency)	2402MHz~2480MHz (CH0~CH39)
Standards	Bluetooth® v4.2 BLE(Bluetooth Low Energy)