



RICOH GR IV Monochrome:

The RICOH GR IV Monochrome is based on the RICOH GR IV, which fully and legitimately evolves the GR series' fundamental concept—the essential values of a camera, including high image quality, quick response and portability—while newly incorporating a monochrome-dedicated image sensor. By eliminating the color filter used to acquire color information, as well as the interpolation process required to generate color images, the camera is able to fully draw out the capabilities of the high-performance GR lens, delivering refined rendering and rich tonal gradation. In addition, the built-in red filter enables more distinctive monochrome photography, while newly developed Image Control options dedicated to monochrome imaging provide deep and diverse monochrome expressions.

Key features at a glance

- 18.3 mm F2.8 lens, 7 elements in 5 groups for improved sharpness across the entire image, from the centre to the edges
- Back-illuminated APS-C monochrome CMOS image sensor with approx. 25.74 effective megapixels
- Physical red filter via Fn-button
- Newly developed GR ENGINE 7
- High light sensitivity up to a maximum of ISO 409600
- 5-axis image stabiliser with 6 stops of compensation
- More compact design with improved performance
- Fast response: quick start-up and fast focusing
- New 1800 mAh DB-120 battery for approx. 250 shots
- 53 GB internal memory for at least 995 RAW images
- Improved connectivity thanks to the newly developed "GR WORLD" app for smart devices



Key features of the RICOH GR IV Monochrome

The technical specifications of the GR IV Monochrome are based on the base model RICOH GR IV.

Monochrome-dedicated design

With the pursuit of the ultimate monochrome expression, the camera is newly equipped with a anti-aliasing (AA) filterless monochrome-dedicated CMOS image sensor of APS-C-equivalent size, capable of producing high-definition images with approximately 25.74 million effective pixels. Unlike monochrome images produced using a general color image sensor—where each pixel receives light through one of red (R), green (G), or blue (B) color filters, the information is interpolated to generate a color image, and the result is then converted to monochrome—each pixel of the monochrome-dedicated sensor captures the subject's brightness information. Because it directly takes in the light information entering through the lens without interpolation processing, it enables sharp monochrome rendering with rich tonal gradation, and also makes it possible to create works that emphasize grain effects by taking advantage of high-sensitivity performance.

Built-in red filter in the lens unit

A red filter that can be turned ON/OFF with a single operation is built into the lens unit. By allowing only red wavelengths of light to pass through, it enables dramatic rendering—for example, by darkening the tones of a blue sky to enhance contrast with white clouds, or by rendering red subjects brighter to make them stand out more clearly.

Support for diverse monochrome expressions

The camera features monochrome-dedicated Image Control options to enable a wide range of monochrome expressions. "Solid" uses a hard tonal curve to express a crisp, clean look and renders edges with refined clarity. "Grainy," characterized by a strong grain effect, delivers a finish reminiscent of silver-halide prints and printed materials by avoiding complete highlight blowout and preventing shadows from being crushed to solid black, while producing grain that is clearly visible even on smart devices.

Carefully crafted exterior design

To evoke the primitive, essential world of black-and-white photography by unifying the overall color and texture, the magnesium-alloy body, as well as the shutter release button and ring cap, are finished in matte black. The subdued sheen, deep texture, and a softly tactile feel together make the GR's special nature immediately apparent. In addition, the front GR logo is finished in semi-gloss black, with a luster distinct from that of the body finish. Moreover, the power button illumination has also been changed to white. The monochrome aesthetic is expressed throughout the design.

Electronic shutter enabling high-speed shooting up to 1/16000s

In addition to the conventional mechanical shutter, the camera is equipped with an electronic shutter that enables shooting at higher shutter speeds. The shutter speed can be increased up to 1/16000s, which is effective for creative work that takes advantage of the monochrome sensor's high-sensitivity characteristics in bright conditions, and for situations where it is desirable to shoot with the aperture open even in very bright environments.

Note: This function is scheduled to be added to the GR IV as well via function-expansion firmware (to be released after the launch of the RICOH GR IV Monochrome).

Optional accessories

Except for the presence or absence of the ND filter, other camera specifications are the same as those of the RICOH GR IV.

Rechargeable Battery: DB-120

This spare battery is perfect for carrying around while traveling. It is the same as the battery included with the camera.

Battery Charger: BJ-12

The rechargeable DB-120 battery (2 pieces) can be charged via a USB cable. Full charging takes approximately 2 hours.

Metal flash shoe cover: GK-2

External viewfinder GV-1

Covers approximately 90% of the lens's field of view. It has frame markings corresponding to focal lengths of 28 mm and 21 mm (equivalent to the angle of view of a 35 mm format camera).

External viewfinder GV-2

This is a high-precision optical viewfinder with no electronic transmission of the viewfinder image, covering approximately 85% of the lens's field of view. It has a frame mark corresponding to the focal lengths of 28 mm (equivalent to the image angle of 35 mm format). The 1:1 aspect ratio is marked in the viewfinder.

Ring cap: GN-3(DG) / (BK)

Replacement ring cap. Dark grey colour with a metallic finish to enhance the camera's appearance. Black is the same ring cap as the one attached to the camera body.

Lens adapter: GA-3

Allows a GW-4 wide-angle converter or $\phi 49$ mm filters to be attached to the GR IV Monochrome.

Wide-angle converter: GW-4

for extending the angle of view to 21 mm (equivalent to 35 mm format) Ultra wide angle.

Finger Strap: GS-4

Made of genuine leather that matches the color of the camera body. It also features an embossed "GR" logo.



External Flash: GF-2

Guide number up to 3 (ISO 100)

When connected to the GR IV Monochrome, the automatic exposure control adjusts the guide number and ISO sensitivity



Other Compatible Accessories

Bag: GC-9, GC-11, GC-10, GC-12

Carrying strap: ST-2, GS-3

AC adapter kit: K-AC166

Article Codes	Art. No. 1581 / UPC Code 002707512005 RICOH GR IV Monochrome
Market Launch	expected for February 2026
Packing Information	
Dimensions	163 x 118 x 82.5 mm
Weight	670 g
Includes Accessories	
	Item No. 35302 / UPC Code 0027075311534 -Rechargeable Battery DB-120 USB Cable I-USB198 (not sold separately) Hand strap O-ST198 (not sold separately)
Optional Accessories	Item No. 35305 / UPC code 002707 5311565 -BATTERY CHARGER BJ-12 Item No. 38371 / UPC code ... 301030 -AC ADAPTER KIT K-AC166E Item No. 37922 / UPC Code ... 311381 -LENS ADAPTER RICOH GA-3 Item No. 35306 / UPC code ... 311596 -RICOH GF-2 WW Item No. 30506 / UPC Code ... 311763 -METAL HOT SHOE COVER RICOH GK-2(GM) Item No. 30507 / UPC code ... 311770 -FINGER STRAP RICOH GS-4(BK) Item No. 30497 / UPC Code ... 311671 -RING CAP GN-3 (BLACK) Item No. 30498 / UPC Code ... 311688 -RING CAP GN-3 (DARK GRAY) Item No. 30485 / UPC Code ... 303997 -SOFT CASE GC-11 Item No. 30486 / UPC Code ... 304000 -SOFT CASE GC-12

RICOH GR IV Monochrome

Camera Type	Single lens - compact digital-still camera	Exposure Control	
Lens		Exposure Mode	Program AE, Aperture Priority AE, Shutter Priority AE, Snap Distance Priority AE, Manual Exposure
Construction	7 elements in 5 groups (3 aspherical lens elements)	Metering Mode	Multi-segment, Center-weighted, Spot, Highlight-weighted
Focal Length	18.3 mm (approx. 28 mm in 35 mm equivalent focal length)	Shutter Speed	1/4000 to 30 sec. (limit by aperture – F2.8: up to 1/2500 sec., F5.6 or higher: up to 1/4000 sec.) High-speed electronic shutter (F2.8: 1/3,200-1/16,000 sec, F5.6-16: 1/5,000-1/16,000 sec) Timed exposure (10 sec. to 20 min.), Bulb, Time
Aperture	F2.8 to F16	Exposure Compensation	Still image: ±5 EV, 1/3 EV steps, Movie: ±2 EV, 1/3 EV steps
Crop	Off, 35mm, 50mm	Red Filter	On, Off
Image Capture Unit		Flash	
Image Sensor	23.5 mm × 15.6 mm, Monochrome CMOS sensor, Backside Illuminated	Internal Flash	no internal flash
Effective Pixels:	Approx. 25.74 megapixels	Hot shoe	Compatible with dedicated flashes (COMPACT FLASH GF-2) Flash Mode: Flash On, Flash On+Red-eye, Slow-speed Sync, Slow Sync+Red-eye Flash Output: Auto, 1/1, 1/4
Sensitivity (Stand. output)	ISO 160 to ISO 409600 Auto (ISO Auto Lower/ Upper Limit and Minimum Shutter Speed can be set), Manual	Flash Sync	All shutter speed values
Noise Reduction	Slow Shutter Speed Noise Reduction, High-ISO Noise Reduction	Drive Mode	
Image Stabilization	IBIS - Sensor-shift shake reduction "SR" (5-axis)	Drive	Single Frame Shooting, Continuous Shooting, Bracketing, Multi-exposure, Interval Shooting, Interval Composite
AA Filter Simulator	Moiré reduction using the SR unit (Off, Low, High)	Self-timer	10 sec., 2 sec., Off
Dust Removal	Image sensor cleaning using ultrasonic vibrations "DR II"	Shooting Functions	
Horizon Correction	SR On: Correction up to 1 degree SR Off: Correction up to 1.5 degrees	Image Control	Standard, Solid, Soft, Hi-Contrast, Grainy, HDR Tone, Custom 1, Custom2, Custom3 Adjust parameters: High/Low Key Adjustment, Contrast, Contrast (Highlight), Contrast (Shadow), Sharpness, Shading, Clarity, Toning, Grain Effect, HDR Tone Level (Adjust parameter varies depending on the selected image setting)
File Formats		Dynamic Range Correction	Highlight Correction, Shadow Correction
Still Image	RAW (DNG) 14bit, JPEG (Exif 2.3 compliant), DCF 2.0 compliant Color Space: sRGB, AdobeRGB Recorded Pixels: [3:2] L (26M: 6192 × 4128), M (16M: 4944 × 3296), S (8.2M: 3504 × 2336), XS (2.5M: 1920 × 1280) [4:3] L (23M: 5504 × 4128), M (15M: 4400 × 3296), S (7.3M: 3120 × 2336), XS (2.8M: 1920 × 1440) [1:1] L (17M: 4128 × 4128), M (11M: 3296 × 3296), S (5.5M: 2336 × 2336), XS (1.6M: 1280 × 1280) [16:9] L (22M: 6192 × 3480), M (14M: 4944 × 2784), S (6.9M: 3504 × 1968), XS (2.1M: 1920 × 1080)	Playback Functions	
Movie	MPEG4 AVC/H.264 (MOV) Recorded Pixels: Full HD (1920 × 1080, 60p/30p/24p) Sound Recording: Built-in stereo microphone Recording Time: Up to 4 GB or 25 minutes; automatically stops recording if the internal temperature of the camera becomes high	Playback View	Single image display, Multi-image display (20 images, 48 images), Display magnification (up to 16×; 100% view and Quick Zoom view available), Histogram (Y histogram, RGB histogram), Grid Guide (3×3 Grid, 4×4 Grid), Highlight Alert, Auto Image Rotation, Calendar Filmstrip Display
Storage Media	Internal memory (approx. 53 GB), microSD/microSDHC/microSDXC memory card (microSDHC memory card and microSDXC memory card conform to UHS-I standards)	Base Parameter Adjustment	Parameter: Brightness, Toning, Contrast, Sharpness
Image Storage Capacity	JPEG - L: 3:2 – 26M: 6192 × 4128 – 2,911	RAW Development	RAW file select: Select Single Image, Select Multiple Images, Select a folder, Select a shooting date RAW Development Parameter: Aspect Ratio, JPEG Recorded Pixels, Color Space, Image Control, Peripheral Illumination Correction, Sensitivity, High-ISO Noise Reduction, Shadow Correction
Internal Memory	JPEG - XS: 3:2 – 2.5M: 1920 × 1280 – 27,114	Edit	Delete, Protect, Image Rotation, Image Copy, File Transfer, Resize, Cropping (Aspect ratio and Slant adjustment available), Levels Adjustment, Movie Edit (Cut), Movie Edit (Divide), Save Movie Frame as Image
53 GB	RAW: 3:2 – 26M: 6192 × 4128 – 937 RAW+: 3:2 – 26M: 6192 × 4128 – 708 Full HD: 16:9 – 30 fps 1920 x 1080 – 1:26'56"		
Focus			
Type	Hybrid AF (image plane phase-matching detection and contrast detection)		
Focus Mode	Auto-area AF, Select AF, Pinpoint AF, Tracking AF, Continuous AF, MF, Snap (0.3 m, 1 m, 1.5 m, 2 m, 2.5 m, 3.5 m, 5 m, ∞), ∞		
Focus Range (from lens face)	Normal mode: Approx. 0.1 m to ∞ Macro mode: Approx. 0.06 to 0.15 m		
Focus Limiter	Near Side, Far Side, Off		
Full Press Snap	Shooting by focusing at the Snap distance with a single press of the shutter release button or a touch on the monitor		
Face/Eye Detection	On, Use only in Auto-area AF, Off		

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LCD Monitor		Power Supply	
Type	3.0-inch wide viewing angle TFT color LCD (aspect ratio: 3:2) with air-gapless tempered glass, Approx. 1037K dots	Battery Type	Rechargeable Battery DB-120
Touch Screen	Capacitive sensing type	Nominal Voltage	3.85 V
Adjustments	Brightness, Saturation, Blue/Amber, Green/ Magenta, Outdoor View Setting (Auto, Manual (±2 steps))	Rated Capacity	1800 mAh, 6.93 Wh
Display	Display magnification (4×, 16×), Grid Guide (3×3 Grid, 4×4 Grid), Histogram, Highlight Alert, Electronic Level	Dimensions	40.9 mm (W) × 35.4 mm (H) × 10.75 mm (D) (1.6 in. (W) × 1.4 in. (H) × 0.4 in. (D))
Language	English, French, Germany, Spanish, Portuguese, Italy, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese, Japanese *The languages available for selection vary depending on the country in which you purchased the camera.	Weight	Approx. 33 g (1.2 oz)
		Battery Life	Number of recordable images: Approx. 250 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. 240 minutes * The playback time is a guide based on RICOH's measurement method. The actual number differs according to usage conditions.
Wireless LAN Communication		AC Adapter	AC adapter (D-AC166 optional) AC adapter compatible with USB Power Delivery *The camera is compatible with USB Power Delivery, but is not certified with the USB Implementers Forum logo.
Function	Camera control via smartphone or tablet 'GR World' app for image organisation and control of camera functions (including Live View, exposure time, etc.), image transfer via Wi-Fi		
Standards	2.4 GHz: IEEE802.11 b/g/n/ax 5.2 GHz: IEEE802.11 a/n/ac/ax (not available in some regions) 5.8 GHz: IEEE802.11 a/n/ac/ax (not available in some regions)	Dimensions and Weight	
Operating Frequency Band Range	2.4 GHz: 2400 to 2483.5 MHz 5.2 GHz: 5150 to 5250 MHz (not available in some regions) 5.8 GHz: 5725 to 5850 MHz (not available in some regions)	Dimensions	Approx. 109.4 mm (W) × 61.1 mm (H) × 32.7 mm (D) (4.3 in. (W) × 2.4 in. (H) × 1.3 in. (D)) (excluding operating controls and protrusions)
Bandwidth	2.4 GHz: 20 MHz 5.2 GHz: 20/40/80 MHz 5.8 GHz: 20/40/80 MHz	Weight	Approx. 262 g (9.2 oz) (including the dedicated battery and SD memory card) Approx. 228 g (8 oz) (body only)
Security	Authentication: WPA2™, WPA3™ Encryption: AES	Difference to GR IV - Basic version	
			- The power button illumination has also been changed to white - Red filter instead of ND filter. Default setting for the Fn (function) button is set to the Red Filter on/off function.
Bluetooth® Communication			
Standards	Bluetooth® v5.3 (Bluetooth Low Energy)	Operating Environment	
Operating Frequency Band Range	2400 to 2483.5 MHz	Windows®	Windows® 11, Windows® 10
		Mac	macOS 14 Sonoma, macOS 13 Ventura, macOS 12 Monterey, macOS 11 Big Sur
Interfaces			
USB Type-C	Battery recharge/Power supply (when using an optional AC adapter compatible with USB Power Delivery), Data transfer (MTP), Video output (DisplayPort™ over USB-C (DisplayPort Alternative Mode)) *If the camera is turned on while charging, the charging stops	Dedicated App	
Lens Adapter Pin	Available	GR WORLD	"GR WORLD" supports iOS and Android™, and can be downloaded from the App Store or Google Play™. To download GR WORLD and for more information, refer to the following website: https://www.ricoh-imaging.com/gr-world/download/