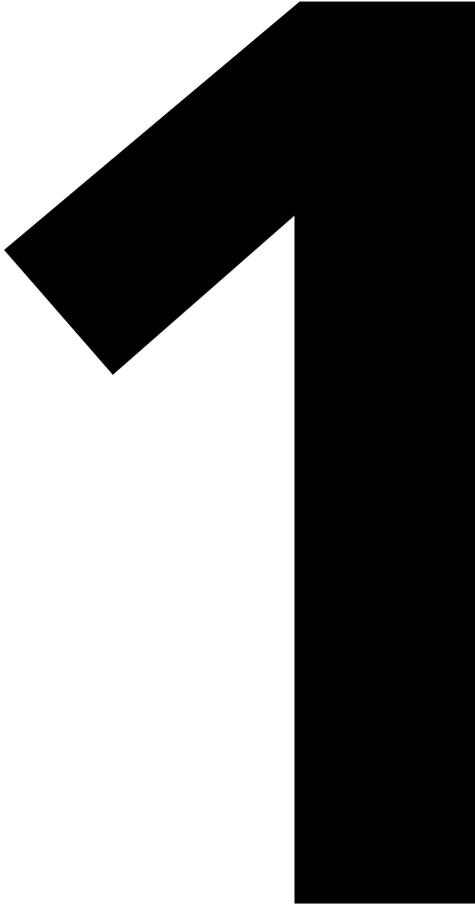


Nikon 1



I AM | THE NIKON 1





Nikon 1

Full speed ahead

More than just a new type of camera, the ever-expanding Nikon 1 lineup offers a whole new way to capture the speed of life. Delivering intelligence and beauty at world-beating speeds, our small, fast, and powerful Nikon 1 system cameras make it easy to vividly catch the memorable moments in your nonstop life.

Thanks to Nikon's next-generation EXPEED 3A dual image processor, data is processed incredibly quickly. Performance is exceptionally fast, which lets you shoot amazing images and Full HD movies in exciting new ways. Meanwhile, wireless transfer methods let you share the high-quality photos you shoot.

I AM | THE SPEED OF LIFE

The super-high-speed CMOS sensor boasts a high megapixel count and ISO light sensitivity for more detailed shots in low light. Nikon's advanced hybrid autofocus system delivers the world's shortest release time lag¹, and features stunningly accurate autofocus tracking for wide coverage across the frame. Features like Motion Snapshot and Best Moment Capture make the most of the camera's phenomenal speed and reward you with unique images of your active life.

On top of these technological advances, the irresistible Nikon 1 AW1 joins the range with a waterproof, shockproof, dustproof, and freeze-proof construction! With a tough stainless steel front panel, it looks stunning and feels solid in your hands, plus you can take it anywhere—literally.

To complete the new lineup, two new water- and shockproof 1 NIKKOR AW lenses have been crafted specifically

for the Nikon 1 AW1. Meanwhile, the complete range of 1 NIKKOR lenses functions perfectly with all Nikon 1 cameras—giving you the power to record still images and movies without compromise. The optional FT1 mount adapter allows you to use NIKKOR D-SLR lenses, making the Nikon 1 system as flexible as it is fast.

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Nikon 1 AW1
Be first among equals.
Shoot at the speed of life.

Nikon 1 AW1

Drop me, plunge me, freeze me, adore me.

Life doesn't have a replay button. To catch it, you need a camera that can keep up. From the epic to the everyday, the handsome Nikon 1 AW1 can capture all the action. Whatever Mother Nature might have in store, this system camera keeps on performing so you'll never miss the moments you don't want to forget.

Small enough to carry everywhere, and fast enough to leap into action in the blink of an eye, the waterproof, shockproof, dustproof, and freeze-proof construction means you can capture your life's stories in places you wouldn't dare

bring your old camera. And thanks to the sophisticated minimalist design, the Nikon 1 AW1 won't look out of place at a chic city event either.

Nikon 1 features like Motion Snapshot and Best Moment Capture will reward you with unique images. If movies are your thing, Advanced Movie Mode lets you capture stunningly crisp Full HD footage. The CX-format CMOS sensor offers a 14.2-megapixel resolution, and the ISO range goes up to 6400 for beautiful low-light detail.

The astonishingly fast autofocus system delivers spot-on photos and smooth movies, no matter what or where you're shooting. And when the action really gets going, there's no need to stand on the sidelines and watch: You can capture the fun from up close with blazingly fast, continuous, full-resolution shots—all without worrying about the camera getting dusty, wet, or knocked out of your hands. To share your favourites, simply plug the optional WU-1b Wireless Mobile Adapter into your camera and send your photos directly to your smartphone or tablet.²

I AM

STRONG AND IRRESISTIBLE





Waterproof

Take the plunge with the Nikon 1 AW1. Simply attach one of the dedicated waterproof 1 NIKKOR AW lenses, and you can capture high-quality photos and movies as far down as 15 m underwater.³

Whether you're scuba diving or out on a sailing trip, rubber sealing at critical points on the camera—as well as an O-ring for the lens mount—protect the system from water and dust. You're free to snap the wonders under the sea, or film the leaders in the yacht race, without a care in the world.



Shockproof

With its ability to withstand drops of up to 2 m and still come up shooting⁴, the Nikon 1 AW1 and its dedicated lenses are tough enough to take the occasional bump or two, wherever your adventures take you.

You can safely sling the camera over your shoulder, whether you're biking along a rough mountain trail or taking a jeep ride across the desert. Enjoy peace of mind as you balance on a roadside rock in order to capture the view, or lean out of the window taking shots as you go.



Freeze-proof

There's something magical about a world blanketed in pure white snow and ice. A true performer even in temperatures as low as -10 °C, the Nikon 1 AW1 does winter action like no other camera.

Whether you're on holiday at a chic ski resort or roaming through snow-filled streets on a winter's trip to New York, you can bring home dazzling photos and movies when the temperature drops—without even taking off your gloves.

Handsome looks

Adventure-proof construction

An irresistible combination of robust functionality and minimalist design, the new Nikon 1 AW1 offers a brilliant chance to satisfy your urge for the finer things in life without worrying about the elements or the occasional bump.

You can't see it, but it's there: A built-in toughness that you can rely on in any environment. From a day out sailing to a night about town; from the ski slopes to a weekend in Milan or the safari

holiday of a lifetime, the Nikon 1 AW1 is perfectly suited to any setting—and the solid stainless steel front panel is just the beginning.

Large buttons and one-touch access to Action Control make operation easy even when wearing gloves. The pop-up flash is waterproof to the same depth as the camera, so you can capture naturally coloured images of underwater environments.

Rubber seals ensure water doesn't enter the camera's inner workings, and the double-locking battery and USB/HDMI compartment covers reduce the chances of accidental opening. The anti-slip grip ensures a firm hold, even in challenging conditions like surging surf, wild winds, or just when shooting with wet hands.

The Nikon 1 AW1—rich with adventure.



Anti-slip grip

Get a firm, comfortable grasp, even when shooting with wet hands, heavy lenses, or from unusual angles.



Pop-up flash

Waterproof to 15 m. Illuminate subjects you can get close to underwater, or subjects up to 6 m away from the camera on land.



Action Control button

Just press, tilt, and shoot. Action Control adds a whole new dimension to shooting ease.



Bigger buttons

Extra space between control buttons facilitates easier operation when wearing gloves. A button lock feature allows you to disable specific buttons to prevent unintentional operation.



Double-lock covers

Double-locking covers for the battery and USB/HDMI compartments reduce the chances of accidental opening, and help avoid untimely mishaps that can cause damage.



1 NIKKOR AW lenses

A match made in heaven for the rigors of action on earth. As handsome and robust as the camera, Nikon's two new water/shock/freeze-proof 1 NIKKOR AW lenses can go anywhere the Nikon 1 AW1 camera goes.



Nikon 1 AW1 • Lens: 1 NIKKOR AW 10mm f/2.8 • Focal Length: 10 mm • Focus Mode: AF-A • Aperture: f/5.6 • Shutter Speed: 1/1000 s • Scene Mode: Easy Panorama • Exposure Compensation: 0 EV • Metering: Matrix • ISO Sensitivity: Auto (ISO 160) • White Balance: Auto



Touch, tilt, and shoot

Action Control

Action doesn't wait. You don't want to lose time when you're out in the snow trying to catch your friend as they swoop round the final turn of the off-piste ski run.

Thankfully, Action Control adds a whole new dimension to shooting ease and makes it simple to operate the camera—even when you're wearing gloves. Whether you're taking a photo or recording a movie, you'll be amazed at the images you can capture with hardly any effort at all.

Operation couldn't be simpler: All you do is press the Action Control button, then tilt the camera to the left or the right to change shooting mode, adjust settings, or view the photos and movies you've shot. After releasing the button, your settings remain in place until you change them again.

A tilt of the camera is similarly all it takes to enable or disable the Outdoor display mode. When enabled, the camera menus become clearer and easier to read: A real plus when shooting in bright sunlight or murky underwater conditions.





Keep track of your adventures

Environmental sensing functions

Add another element of excitement to your shooting with the environmental sensing functions on the Nikon 1 AW1. With all information visible onscreen and included with your photos in the EXIF image data, these functions can help you remember precisely where your adventures took you.

Support for both GPS and GLONASS means you can quickly and accurately have the camera log your exact location and then display those unforgettable shutter opportunities on a map using the bundled ViewNX 2 software.⁵

The dual function altimeter/depth gauge lets you track the altitude from -500 m to 4,500 m or see how deep you are underwater, with data recorded in 1 m increments.⁶ On dry land, use the electronic compass to check your orientation or record the direction the camera is pointing when you take the shot.⁷

To keep the camera level and avoid sloping lines when shooting underwater, or from the top of mist-covered mountains, use the virtual horizon to confirm your camera's position.



Spot-on shooting

Quick, sharp, precise autofocus

Nikon's impressively fast CX-format AF CMOS image sensor ensures that every picture you take is spot-on, and every movie looks smooth and natural.

Designed to deliver the ideal balance of speed, light sensitivity, resolution, and depth of field, the sensor ensures you can shoot clearer action shots, take better photos in low light, and easily soften backgrounds to make your subject stand out more.

The super-high-speed autofocus system works by instantly selecting the AF type

that best suits the situation. For fast-moving subjects, or when you're shooting movies, it will choose the 73-point phase-detection AF. To pick out details in low light or focus accurately near the edge of the frame, it switches to the 135-point contrast-detect AF.

The result is that your subject snaps into focus incredibly quickly, whether you're taking a candid portrait as the daylight fades, or filming the action under bright sunlight.

Incredible speed

Break the speed limit

When it comes to taking crisp action shots, you need a powerful combination of speed and precision.

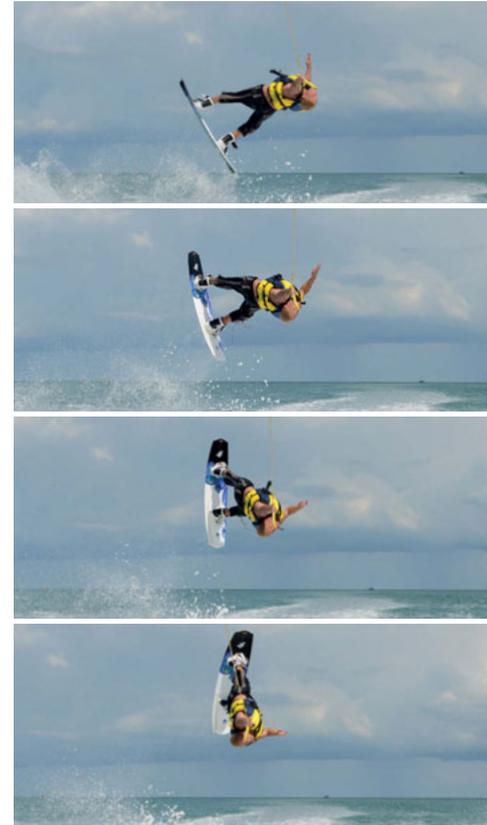
A Nikon 1 system camera is engineered to deliver sharp, full-resolution images at incredible speeds, so you can rely on it to capture that one split second when everything comes together. Powered by Nikon's next-generation EXPEED 3A dual-processing engine, Nikon 1 ensures superb results even in low light.

Trying to catch a fast-moving subject? Continuous shooting is ideal for

capturing those blink-and-you'll-miss-it moments.

You can shoot clear, precisely focused photos at a blazing 15 frames-per-second (fps) with continuous autofocus activated, which is perfect if you want to focus tightly on a moving subject. If you shoot with fixed autofocus, you can enjoy an even faster 60 fps burst⁸

Whichever speed you choose, continuous shooting turns an instant of action into an amazing sequence of photos.



Don't wait to share your adventures

Stay social with quick, easy wireless image transfer

Why wait to share moments? With the WU-1b Wireless Mobile Adapter, it's quick and easy to transfer high-quality photos straight from the camera to the Internet via your smartphone or tablet.⁹

Whether you want to upload a photo to your favourite social network, clear

space on your memory card, or preview shots on a larger screen, you can do it all quickly, easily, and wirelessly. You can even use the adapter to control your camera remotely via your smart device.

No matter where you are, the adapter lets you transfer images without hassle.

You don't need to connect it to an external Wi-Fi hot spot, and there's no need for batteries because the camera powers the adapter. Use it as soon as you come out of the sea and amaze your friends with your latest underwater shots.



Motion Snapshot

Show more of a moment

Life never stands still, so why should your photos be any different?

With Nikon's unique Motion Snapshot, one click is all it takes to record a 'living image,' which preserves a moment in time as a short, slow-motion movie that ends with a photo. Now you can truly capture your friends' expressions as they try sand surfing for the first time ever.

Automatically created in-camera, Motion Snapshots are saved as a single .mov file, so it's easy to upload them to any platform and have fun sharing stories in a whole new way.

And to create a visual odyssey that's sure to impress, use the bundled Short Movie Creator and Nikon Movie Editor software to combine Motion Snapshots with photos and Full HD video footage of all your best adventure moments.

Best Moment Capture

Discover the secret of perfect timing

Make every moment count and put an end to bad timing and missed opportunities. When the action is moving too fast for your shutter finger to keep up, or if you're just not sure when to take a shot, select Best Moment Capture for two incredible solutions.

Slow View quickly captures up to 20 full-resolution images and simultaneously displays them in slow motion on the LCD screen. When you see the shot you want to keep, simply press the shutter release button all the way, and the image you want is automatically saved.

Smart Photo Selector takes up to 20 full-resolution images and automatically recommends up to five of the best shots. The system identifies superior photos, based on factors like facial expression, composition, and focus.

Auto Mode

Simply fabulous photos

When you're caught up in the thrill of the moment, you don't want to be distracted by your camera. Thankfully, the Nikon 1 AW1 helps you capture superb results without the need to manually adjust settings.

For totally carefree shooting, simply select Auto Mode and relax. The camera will automatically select the right scene mode depending on the conditions and what you're photographing.

When you're less immersed in the actual adventure at hand, you can shoot with Live Image Control¹⁰ and intuitively explore things like freezing subject movement. Simply adjust the onscreen control bars until the preview image looks the way you want. What you see on the screen is exactly what you'll get the moment you press the shutter release button.

Creative Mode

See things differently

Turn the ordinary into the extraordinary, or capture rewarding moments in a unique way. Dial in Creative Mode and you can apply filters and effects to photos before you shoot, or access PSAM shooting modes for total control. The LCD screen displays an example of how your final image will look for whatever effect you choose.

Add some excitement to a rainy day scene using the Selective Colour effect that creates monochrome photos with flashes of colour. For some undersea artistry, try the all-new underwater settings and reproduce colours beneath the ocean, lake, or pool in all their natural beauty. Use the Standard setting when in the pool or snorkelling in the shallows; the Scuba setting when diving in deeper waters; and Close-up when capturing coral from close range using the built-in flash.



Action time!

Shoot crisp, clear, smooth movies

Shoot Full HD 1080p video where no compact system camera ever could before: Film underwater without using protective housing, capture footage in freezing temperatures, and shoot in the middle of the action without worrying about the odd bump or two. With unique movie functions and a phase-detection AF system that focuses quickly and accurately on moving subjects, the Nikon 1 AW1 lets you enjoy superb high-resolution results.

Shoot in Movie Mode and you can take a full-resolution photo while filming¹¹ without interrupting recording. Why

choose between a photo and a movie when you can get the best of both?

Select Advanced Movie Mode, and you can effortlessly change manual exposure settings to set shutter speed and aperture before or during shooting. Or you can film with a smaller frame size and achieve dramatic effects in extreme slow motion, with recording speeds of up to 1200 fps!²

With smooth, silent autofocus transitions that ensure footage looks natural and sounds great, the Nikon 1 AW1 gives you the adventure movies of a lifetime.



1 NIKKOR AW 11-27.5mm f/3.5-5.6

Ready for anywhere

On land or under the water, versatility and precision are yours with this tough zoom lens.

Waterproof to 15 m¹,³ shockproof from heights of up to 2 m¹,⁴ and freeze-proof for temperatures as low as -10 °C, this 1 NIKKOR 2.5x zoom lens will capture that great photo or movie moment wherever you are.

Great for everything from casual snapshots to portraits and distant subjects, the 11-27.5mm zoom range (35mm equivalent: 30-74mm) covers most commonly used focal lengths.

The compact design means you can keep the lens attached and still slip the camera easily into your bag or over your shoulder. The luxurious metallic exterior coordinates perfectly with the Nikon 1 camera body. Rubber sealing around the zoom ring and an extra layer of glass in front of the lens protects from water and dust. A wide zoom ring with a knurled anti-slip surface facilitates smooth zooming, even when wearing gloves.

Come rain, shine, or murky underwater environments, this lens is a brilliant companion on life's adventures.





Nikon 1 AW1 • Lens: 1 NIKKOR AW 11-27.5mm f/3.5-5.6 • Focal Length: 27.5 mm • Focus Mode: AF-A • Aperture: f/16 • Shutter Speed: 1/60 s •
Scene Mode: Underwater • Exposure Compensation -0.7 EV • Metering: Matrix • ISO Sensitivity: ISO 400



Nikon 1 AW1 • Lens: 1 NIKKOR AW 10mm f/2.8 • Focal Length: 10 mm • Focus Mode: AF-A • Aperture: f/4 • Shutter Speed: 1/1000 s • Scene Mode: Underwater • Exposure Compensation: -1.3 EV • Metering: Matrix • ISO Sensitivity: ISO 200

1 NIKKOR AW 10mm f/2.8

Tough and wide

If you really want to be ready to capture the best of life's adventures, you need a lens that you can take anywhere. And we mean anywhere.

Waterproof to 20 m,³ shockproof from heights of up to 2 m,⁴ and freeze-proof for temperatures as low as -10 °C, this robust yet stylish 1 NIKKOR wide-angle lens is not afraid of the elements and can take a bump or two.

The 10 mm focal length (35mm equivalent: 27 mm) is ideal for close-up and portrait shots as well as for photographing stunning vistas. The wide maximum aperture of f/2.8 means sharp shots of low-light scenes, which is especially handy when shooting in murky underwater environments or when you want to capture the blazing colours of the sky at sunset. It also means you can easily soften backgrounds to make your subject stand out more.





Nikon 1 AW1 • Lens: 1 NIKKOR AW 11-27.5mm f/3.5-5.6 • Focal Length: 27.5 mm • Focus Mode: AF-A • Aperture: f/7.1 • Shutter Speed: 1/60 s • Scene Mode: Underwater • Exposure Compensation: 0 EV • Metering: Matrix • ISO Sensitivity: Auto (ISO 160)



Nikon 1 AW1 • Lens: 1 NIKKOR AW 10mm f/2.8 • Focal Length: 10 mm • Focus Mode: AF-S • Aperture: f/5.6 • Shutter Speed: 1/800 s • Exposure Mode: Aperture Priority • Exposure Compensation: -0.7 EV • Metering: Matrix • ISO Sensitivity: ISO 160 • White Balance: Auto

Expand your possibilities

1 NIKKOR lenses

The best lenses lead to the best images, and NIKKOR lenses are nothing short of exceptional.

Designed with active lifestyles in mind, the 1 NIKKOR range covers practically every type of scene, and each lens is optimised for movie recording.

Combined with the portability, power, and speed of Nikon 1 cameras, the small size of 1 NIKKOR lenses truly sets the Nikon 1 system apart. And when you crave even more flexibility, the FT1 mount adapter makes it easy to use Nikon's renowned D-SLR F-mount lenses in combination with your Nikon 1 camera.



Mount Adapter FT1

Match a D-SLR lens to your shooting situation or experiment with new creative ideas. Nikon's DX- and FX-format F-mount lenses attach easily and securely to the Nikon 1 FT1 mount adapter. From extreme wide-angles to super-telephotos and more, the possibilities are limitless!¹⁵



1 NIKKOR 10mm f/2.8

Go wide and stay sharp with this thin, 10 mm wide-angle lens (35mm equivalent: 27 mm). It's ideal for making interiors and landscapes look even more vast, or when shooting in cramped spaces. Try it when filming, and you'll be amazed how quiet the autofocus is.



1 NIKKOR 18.5mm f/1.8

Life through a fast lens always looks good. With an 18.5 mm focal length (35mm equivalent: approx. 50 mm), fast f/1.8 maximum aperture, and lightweight build, this lens captures superb low-light images and beautiful portraits wherever you go.



1 NIKKOR 32mm f/1.2

Shoot striking images with this dedicated portrait lens. With a 32 mm focal length (35mm equivalent: approx. 85 mm) and ultra-fast f/1.2 maximum aperture, this bright medium-telephoto lens captures the best of people in any situation.



1 NIKKOR VR 6.7-13mm f/3.5-5.6

Feel like you're right in the heart of the action. Thanks to the 6.7-13mm focal range (35mm equivalent: approx. 18-35mm), this ultra wide-angle zoom lens is a great way to get up close and personal with your subjects.



1 NIKKOR VR 10-30mm f/3.5-5.6

Enjoy the freedom to capture moments just the way you remember them with this pocket-size 3x zoom lens. The 10-30mm focal range (35mm equivalent: 27-81mm) records everyday scenes perfectly, making it the ideal companion wherever you go.



1 NIKKOR 11-27.5mm f/3.5-5.6

Always be ready, even if that great photo or movie moment takes you by surprise. With an 11-27.5mm focal range (35mm equivalent: 30-74mm), this lens captures everything from an impromptu afternoon in the park to a lavish dinner party.



1 NIKKOR VR 30-110mm

With a versatile 30-110mm focal range (35mm equivalent: 81-297mm), this portable telephoto zoom lens is perfect on a city trip. Get close to distant subjects with ease, or use it to call attention to someone's face when shooting portraits.



1 NIKKOR VR 10-100mm f/4.0-5.6

Shoot whatever inspires you with the 10x zoom lens that does it all. Its versatile 10-100mm focal range (35mm equivalent: 27-270mm) is like having several lenses in one: perfect for shooting landscapes and group shots, portraits and extreme close-ups.



1 NIKKOR VR 10-100mm PD-ZOOM

Film cinematic scenes with the lens made to shoot movies. The 10-100mm zoom range (35mm equivalent: 27-270mm) captures images with superb clarity, and the power-drive zoom switch easily lets you zoom quickly—or slowly—for dramatic impact.

Nikon 1 AW1 system accessories

Get the most out of your shooting

A camera that's designed to withstand the elements obviously needs accessories to match.

The freedom to film in the rain isn't quite the same if your neck strap is soggy, and losing your camera underwater is hardly convenient. Thankfully, Nikon's

optional waterproof neck and wrist straps ensure you can keep the Nikon 1 AW1 in reach without risking accidental loss or discomfort.

For added confidence, a removable camera grip allows you to maintain a firm grasp even when you're in the midst of

the action. And because you want the camera to stay looking good as new, a silicone jacket protects the edges of the camera from scratches.



GR-N6000
Grip



BF-N2000
Body Cap



AH-N6000
Hand Strap



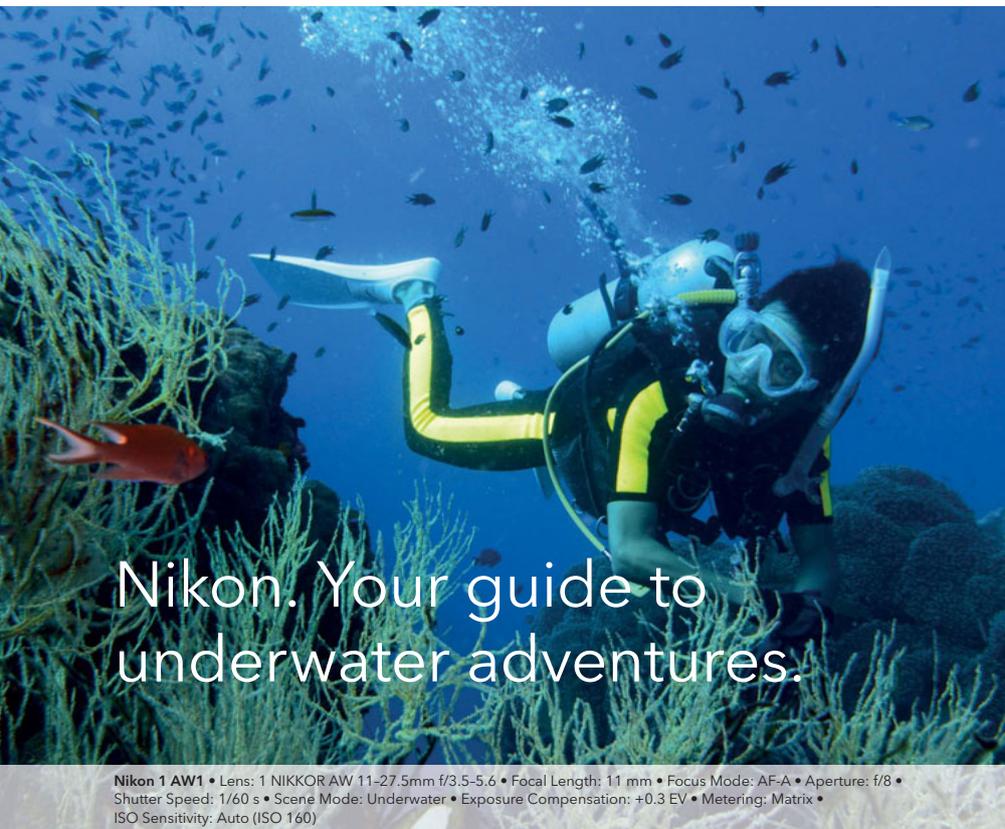
CF-N6000
Silicone Jacket



AN-N3000
Strap



CF-N7000
Protective Case



Nikon. Your guide to underwater adventures.

Nikon 1 AW1 • Lens: 1 NIKKOR AW 11-27.5mm f/3.5-5.6 • Focal Length: 11 mm • Focus Mode: AF-A • Aperture: f/8 • Shutter Speed: 1/60 s • Scene Mode: Underwater • Exposure Compensation: +0.3 EV • Metering: Matrix • ISO Sensitivity: Auto (ISO 160)



WP-N2 waterproof housing for Nikon 1

Capture the wonders you see when you dive up to 40 m beneath the ocean's surface with this compact diving case!⁶



Nikon 1 AW1 system camera

**Waterproof to 15 m, shockproof
from 2 m, freeze-proof to -10 °C.**

Strong and irresistible. Shoot at the speed of life with the world's first waterproof/shockproof system camera!¹⁷



COOLPIX AW110

**Waterproof to 18 m, shockproof
from 2 m, freeze-proof to -10 °C.**

Capture and share extreme adventures. Keep the camera rolling as the adrenaline is flowing with this tough compact digital camera.



COOLPIX S31

**Waterproof to 5 m, shockproof
from 1.2 m, and dustproof.**

Packed with easy-to-use features, take this fun family camera practically anywhere. Relax while everyone has a go!

Technical Specifications: Nikon 1 AW1

Type	
Type	Digital camera with support for interchangeable lenses
Lens mount	Nikon waterproof 1 mount
Effective angle of view	Approx. 2.7x lens focal length (35mm format equivalent)
Effective pixels	
Effective pixels	14.2 million
Image sensor	
Image sensor	13.2 mm x 8.8 mm CMOS sensor (Nikon CX format)
Storage	
Image size (pixels)	Still images (Auto, Best Moment Capture, and all Creative Modes other than Easy Panorama; aspect ratio 3 : 2) <ul style="list-style-type: none"> • 4,608x3,072 • 3,456x2,304 • 2,304x1,536 Still images (Normal panorama, camera panned horizontally; aspect ratio 120 : 23) <ul style="list-style-type: none"> • 4,800x920 Still images (Normal panorama, camera panned vertically; aspect ratio 8 : 25) <ul style="list-style-type: none"> • 1,536x4,800 Still images (Wide panorama, camera panned horizontally; aspect ratio 240 : 23) <ul style="list-style-type: none"> • 9,600x920 Still images (Wide panorama, camera panned vertically; aspect ratio 4 : 25) <ul style="list-style-type: none"> • 1,536x9,600 Still images (taken during movie recording, aspect ratio 3 : 2) <ul style="list-style-type: none"> • 4,608x3,072 (1080/60i, 1080/30p) • 1,280x856 (720/60p, 720/30p) Still images (Motion Snapshots; aspect ratio 16 : 9) <ul style="list-style-type: none"> • 4,608x2,592
File format	<ul style="list-style-type: none"> • NEF (RAW): 12-bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control System	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; selected Picture Control can be modified; storage for custom Picture Controls
Media	SD (Secure Digital), SDHC, and SDXC memory cards
File system	DCF (Design Rule for Camera File System) 2.0, DPOF (Digital Print Order Format), EXIF (Exchangeable Image File Format for Digital Still Cameras) 2.3, PictBridge

Shooting modes	
Shooting modes	<ul style="list-style-type: none"> ☐ Auto, C Creative, with a choice of the following options: P, S, A, M, ☉ (☉, ☉) underwater, L night landscape, ☾ night portrait, ☾ backlighting, E Easy Panorama, 0 soft, ☼ miniature effect, ☼ selective color, B Best Moment Capture (☼: slow view and C: Smart Photo Selector), M Advanced Movie (HD - P, S, A, M only - and ☼ slow motion), ☼ Motion Snapshot
Shutter	
Type	Electronic shutter
Speed	1/16,000-30 s in steps of 1/3 EV; Bulb Note: Bulb ends automatically after approx. 2 minutes
Flash sync speed	Synchronizes with shutter at X=1/60 s or slower
Release	
Mode	<ul style="list-style-type: none"> • Single frame, continuous • Self-timer
Frame advance rate	Approx. 5, 15, 30, or 60 fps
Self-timer	2 s, 5 s, 10 s
Exposure	
Metering	TTL metering using image sensor
Metering method	<ul style="list-style-type: none"> • Matrix • Center-weighted: Meters 4.5 mm circle in center of frame • Spot: Meters 2 mm circle centered on selected focus area
Mode	P : Programmed auto with flexible program; S : Shutter-priority auto; A : Aperture-priority auto; M : Manual; ☼ scene auto selector
Exposure compensation	-3 to +3 EV in increments of 1/3 EV
Exposure lock	Luminosity locked at metered value when shutter-release button is pressed halfway
ISO sensitivity (Recommended Exposure Index)	ISO 160-6,400 in steps of 1 EV; auto ISO sensitivity control (ISO 160-6,400, 160-3,200, 160-800) available (user controlled when P, S, A, M, or underwater is selected in Creative Mode)
Active D-Lighting	On, off
Focus	
Autofocus	Hybrid autofocus (phase-detection/contrast-detect AF); AF-assist illuminator
Lens servo	<ul style="list-style-type: none"> • Autofocus (AF): Single AF (AF-S); continuous AF (AF-C); auto AF-S/AF-C selection (AF-A); full-time AF (AF-F) • Manual focus (MF)
AF-area mode	Single-point, single-point (center), auto-area, subject tracking
Focus area	<ul style="list-style-type: none"> • Single-point AF: 135 focus areas; the center 73 areas support phase-detection AF • Auto-area AF: 41 focus areas
Focus lock	Focus can be locked by pressing shutter-release button halfway (single AF)
Face priority	On, off

Flash	
Built-in flash	Manual pop-up
Guide Number (GN)	Approx. 5/16 (m/ft, ISO 100, 20 °C/68 °F; at ISO 160, Guide Number is approx. 6.3/20.7)
Control Mode	i-TTL flash control using image sensor Fill flash, red-eye reduction, fill flash + slow sync, red-eye reduction + slow sync, rear curtain + slow sync, rear-curtain sync, off
Flash compensation	-3 to +1 EV in increments of 1/3 EV
Flash-ready indicator	Lights when built-in flash unit is fully charged
White balance	
White balance	Auto, underwater, incandescent, fluorescent, direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine tuning
Movie	
Metering	TTL metering using image sensor
Metering method	<ul style="list-style-type: none"> Matrix Center-weighted: Meters 4.5 mm circle in center of frame Spot: Meters 2 mm circle centered on selected focus area
Frame size (pixels) / recording rate	<p>HD movies (aspect ratio 16 : 9)</p> <ul style="list-style-type: none"> 1,920×1,080/60i (59.94 fps*) 1,920×1,080/30p (29.97 fps) 1,280×720/60p (59.94 fps) 1,280×720/30p (29.97 fps) <p>Slow-motion movies (aspect ratio 8 : 3)</p> <ul style="list-style-type: none"> 640×240/400 fps (plays at 30p/29.97 fps) 320×120/1,200 fps (plays at 30p/29.97 fps) <p>Motion Snapshot (aspect ratio 16 : 9)</p> <ul style="list-style-type: none"> 1,920×1,080/60p (59.94 fps) (plays at 24p/23.976 fps) <p>* Sensor output is about 60 fps.</p>
File format	MOV
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	AAC
Audio recording device	Built-in stereo microphone; sensitivity adjustable
Monitor	
Monitor	7.5 cm (3.0-in.), approx. 921k-dot, TFT LCD with brightness adjustment
Playback	
Playback function	Full-frame and thumbnail (4, 9, or 72 images; or calendar) playback with playback zoom, movie and panorama playback, slide show, histogram display, auto image rotation, and rating option
Interface	
USB	Hi-Speed USB
HDMI output	Type C mini-pin HDMI connector
Electronic compass/location data/altimeter/depth gauge	
Electronic compass	16 headings (with 3-axis accelerometer attitude correction and automatic offset adjustment)
Location data	<ul style="list-style-type: none"> Receiving frequency: 1575.4200 MHz (GPS)/1598.0625-1605.3750 MHz (GLONASS) Geodesics: WGS84

Altimeter	Operating range approximately -500 to +4500 m (-1640 to +14,764 ft)
Depth gauge	Operating range approximately 0-20 m (0-65 ft)
Supported languages	
Supported languages	Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (European and Brazilian), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese
Power source	
Battery	One rechargeable Li-ion EN-EL20 battery
AC adapter	EH-5b AC adapter; requires EP-5C power connector (available separately)
Tripod socket	
Tripod socket	1/4-in. (ISO 1222)
Dimensions/weight	
Dimensions (W×H×D)	Approx. 113.3×71.5×37.5 mm (4.5×2.9×1.5 in.), excluding projections
Weight	Approx. 356 g (12.6 oz) with battery and memory card but without body cap or O-ring protector; approx. 313 g (11.1 oz), camera body only
Operating environment	
Temperature	-10 °C to +40 °C (+14 °F to 104 °F) on land, 0 °C to +40 °C (+32 °F to 104 °F) in water
Humidity	85% or less (no condensation)
Shockproof, waterproof, and dustproof performance	
Shockproof performance ^{1,2}	Has passed in-house tests ³ to MIL-STD-810F Method 516.5: Shock standard
Waterproof performance ²	In-house tests have demonstrated JIS/IEC Protection Class 8 (IPX8) waterproof performance; can be used at depths of up to 15 m (49 ft) for up to 60 minutes
Operating depth ²	Maximum 15 m (49 ft)
Dustproof performance ²	In-house tests have demonstrated JIS/IEC Protection Class 6 (IP6X) dustproof performance
¹ Does not apply when built-in flash is raised. ² With special-purpose waterproof lens attached. ³ Using a test method derived from MIL-STD-810F Method 516.5: Shock standard, the product is dropped from a height of 200 cm (6 ft 7 in.) onto a plywood surface 5 cm (2 in.) thick. Exterior deformation and surface damage are not tested. These in-house tests do not constitute blanket guarantees of invulnerability to damage or destruction.	
Note	
Note	<ul style="list-style-type: none"> Unless otherwise stated, all figures are for a camera with a fully-charged battery operating at the temperature specified by the Camera and Imaging Products Association (CIPA): 23 ±3 °C (73.4 ±5.4 °F). Nikon reserves the right to change the specifications of the hardware and software described in this brochure at any time and without prior notice. Nikon will not be held liable for damages that may result from any mistakes that this brochure may contain.

Technical Specifications: 1 NIKKOR Lenses

	1 NIKKOR AW 11-27.5mm f/3.5-5.6 Lens	1 NIKKOR AW 10mm f/2.8 Lens
Type	Waterproof 1 mount lens	Waterproof 1 mount lens
Focal length	11-27.5mm	10 mm
Maximum aperture	f/3.5-5.6	f/2.8
Construction	8 elements in 6 groups (including 1 ED lens element and 1 aspherical lens element), 1 protective glass element	6 elements in 5 groups (including 2 aspherical lens elements), 1 protective glass element
Angle of view	72°-32° 20'	77°
Minimum focus distance	0.3 m (1.0 ft) from focal plane at all zoom positions	0.2 m (0.7 ft) from focal plane
Diaphragm blades	7 (rounded diaphragm opening)	7 (rounded diaphragm opening)
Diaphragm	Fully automatic	Fully automatic
Aperture range	• 11 mm focal length: f/3.5-16 • 27.5 mm focal length: f/5.6-16	f/2.8-11
Electronic compass	Electronic compass can be used when lens is attached to camera	Electronic compass can be used when lens is attached to camera
Filter-attachment size	40.5 mm (P=0.5 mm)	40.5 mm (P=0.5 mm)
Shockproof performance*	Has passed in-house tests to MIL-STD-810F Method 516.5: Shock standard when attached to camera; exterior deformation and surface damage are not tested	Has passed in-house tests to MIL-STD-810F Method 516.5: Shock standard when attached to camera; exterior deformation and surface damage are not tested
Waterproof performance*	In-house tests have demonstrated JIS/IEC Protection Class 8 (IPX8) waterproof performance	In-house tests have demonstrated JIS/IEC Protection Class 8 (IPX8) waterproof performance
Operating depth*	Maximum 15 m (49 ft), but may not be used at depths that exceed camera's maximum operating depth	Maximum 20 m (65 ft), but may not be used at depths that exceed camera's maximum operating depth
Dustproof performance*	In-house tests have demonstrated JIS/IEC Protection Class 6 (IP6X) dustproof performance	In-house tests have demonstrated JIS/IEC Protection Class 6 (IP6X) dustproof performance
Operating temperature	-10 °C to +40 °C (+14 °F to 104 °F) on land, 0 °C to +40 °C (+32 °F to 104 °F) in water	-10 °C to +40 °C (+14 °F to 104 °F) on land, 0 °C to +40 °C (+32 °F to 104 °F) in water
Dimensions	Approx. 63 mm diameter × 56.5 mm (distance from camera lens mount flange)	Approx. 61 mm diameter × 30 mm (distance from camera lens mount flange)
Weight	Approx. 182 g (6.5 oz)	Approx. 118 g (4.2 oz)

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Specifications subject to change without notice. Nikon will not be held liable for damages that may result from any mistakes that this brochure may contain.

*When attached to waterproof cameras.



NOTES

- World's shortest release time lag: Among digital cameras with interchangeable lenses available as of September 9, 2013; as determined by Nikon performance tests using single-point AF mode and the shortest focal length of a 1 NIKKOR VR 10-30mm f/3.5-5.6 lens.
- Compatible with smart devices using Android™ OS and iOS. A Wireless Mobile Adapter Utility that can be downloaded free from Google Play™ and iTunes® must be installed on the smart device prior to use. Android, Google, Google Play, YouTube, and other marks are trademarks of Google Inc.
- In-house tests have demonstrated JIS/IEC Protection Class 8 (IPX8) water-resistance.
- According to in-house tests to MIL-STD-810F Method 516.5: Shock standard. Shock-resistant capabilities of the camera body do not apply to the pop-up flash.
- An Internet connection is required to view images on a map.
- The dual function altimeter/depth gauge provides approximate information. It should not be used to determine precise measurements.
- Directional information is recorded as EXIF data and only when using the 1 NIKKOR AW 11-27.5mm f/3.5-5.6 zoom lens, or the 1 NIKKOR AW 10mm f/2.8 wide-angle lens. Note: The compass provides approximate information. It should not be used to determine precise locations.
- Based on Nikon performance tests, the Nikon 1 AW1 can shoot full-size images at approximately 60 fps for up to 20 frames, when focus mode is set to AF-S, and focus and exposure for the first frame is fixed. With autofocus tracking on, you can shoot at approximately 15 fps for up to 22 frames.
- Compatible with smart devices using Android™ OS and iOS. A Wireless Mobile Adapter Utility that can be downloaded free from Google Play™ and iTunes® must be installed on the smart device prior to use.
- Live Image Control does not support high-speed continuous shooting or flash.
- You can capture a 14.2-megapixel still image (aspect ratio 3:2) in Advanced Movie Mode without interrupting movie recording. This still image is not a frame saved from the movie; photos shot while recording employ the same camera settings in effect for the movie and come out looking just as beautiful.
- Recording speeds in Advanced Movie Mode: 400 fps at 640x240 frame size or 1200 fps at 320x120. Maximum recording time: 5 s.
- In-house tests have demonstrated JIS/IEC Protection Class 8 (IPX8) water resistance to 15 m for the 1 NIKKOR AW 11-27.5mm f/3.5-5.6 lens, and to 20 m for the 1 NIKKOR AW 10mm f/2.8 lens. Both lenses enable full protection when attached to the Nikon 1 AW1 and shooting at the camera's maximum depth of 15 m underwater.
- When attached to the camera, the 1 NIKKOR AW 11-27.5mm f/3.5-5.6 and the 1 NIKKOR AW 10mm f/2.8 have passed in-house tests to MIL-STD-810F Method 516.5: Shock standard.
- NIKKOR lenses mounted on the FT1 mount adapter have a 2.7x focal length crop factor, so you get a resulting angle of view that's over twice as long. For accurate information about compatibility with F-mount NIKKOR lenses, please refer to the manual.
- The WP-N2 waterproof case is compatible with the Nikon 1 S1 and the Nikon 1 J3 together with the 1 NIKKOR 10-30mm lens. For the Nikon 1 J1 and the Nikon 1 J2, the WP-N1 waterproof case is available and compatible with the 1 NIKKOR 10-30mm lens.
- The Nikon 1 AW1 is the world's first waterproof and shockproof camera system among digital cameras with interchangeable lenses as of September 9, 2013.



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WARNING

**TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.
SOME DOCUMENTATION IS SUPPLIED ON CD-ROM ONLY.**

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