

# **Nikon**



I N V I T A T I O N   T O   E X C E L L E N C E

# **F55**





It's small, it's light, it fits snugly in your hands — and best of all, it's a Nikon. And that makes all the difference. Because it's a Nikon, the F55 delivers clearer, sharper results with more possibilities of control and creativity. And a degree of reliability that breeds complete confidence. For this camera was designed with one thing in mind — to show you how easy and thrilling it can be to create great pictures. The Nikon F55. An invitation to the excellence that is Nikon SLR photography.



#### Quality you can feel.

The moment you pick up the F55 you know it's no ordinary SLR. From the way it fits comfortably in your hands, to the ergonomic arrangement of dials and buttons, its compact and lightweight good looks tell you that it's a cut above the rest.



#### Results you can see.

After shooting a roll or two with the F55, you too will discover the difference of SLR photography with Nikon. Sharp accurate focus and perfect exposures using Nikon's advanced technology are all controlled with effortless ease of use. Add to that a vast accessory system allowing you to take your photography further than ever before.



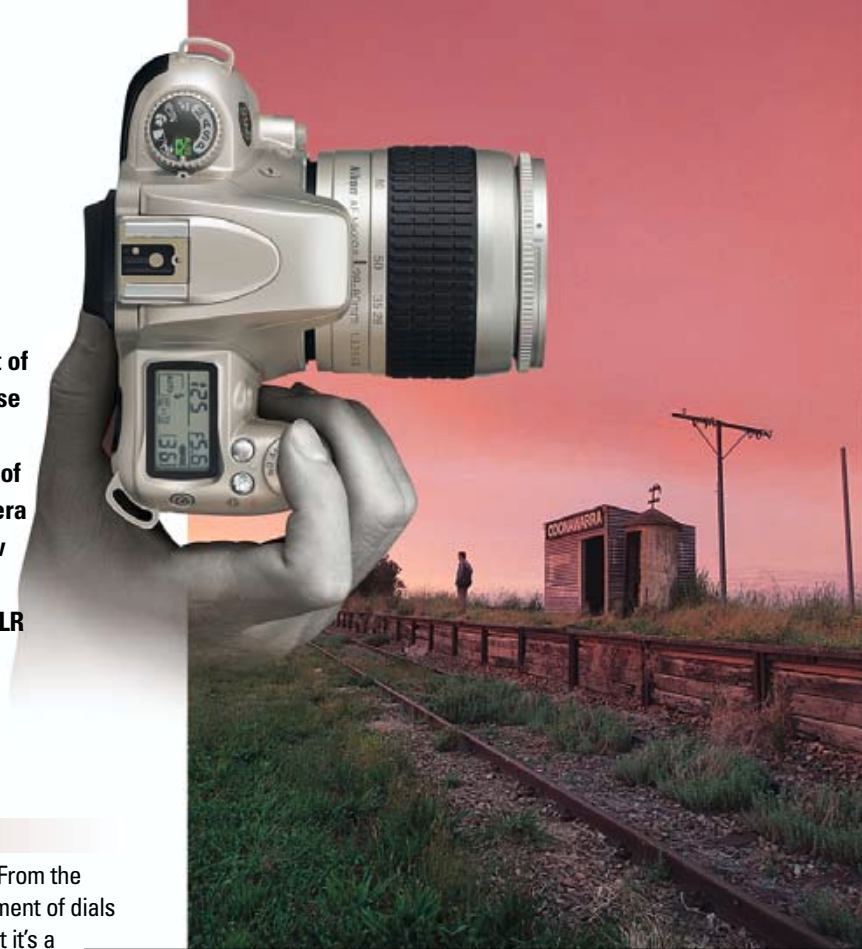
#### Technology you can count on.

The brains behind the F55 are just as impressive as the beauty of its design. The camera is packed with original Nikon technology such as Three-Area Autofocus with Dynamic AF for fast and precise autofocus of moving subjects and intelligent 3D Matrix Metering for perfect exposures. There's also Nikon's unique Matrix Balanced flash technology for worry-free flash lighting whatever the subject.



#### Optics shared with the world's professionals.

Like all Nikon SLRs, the F55 features the classic F-mount lens mount, your passport to the vast Nikkor lens system lineup favoured by professionals for over 40 years. Choose from among Zoom, Micro, Super Wide and Telephoto AF Nikkors — all of which offer the world-class optical quality that your pictures deserve.



# There's a reason It's







**eason.**  
**s a Nikon.**



## Exposure Control

### Auto & five Vari-Program modes

When set to Auto mode, the F55 makes Nikon-quality SLR picture taking simple, leaving you to concentrate on composition. Release the shutter button — the F55 handles the rest.

Take advantage of the Vari-Program modes tailored to specific scenes and subjects. Portrait, Landscape, Close-Up, Sports Continuous and Night Portrait modes make versatile shooting easy.

### P, S, A, M modes

Auto-Multi Program (P), Shutter-Priority Auto (S), Aperture-Priority Auto (A), and Manual (M) modes deliver precise exposure control allowing you to take your creativity further.

### Exposure compensation

Use exposure compensation and Auto Exposure Bracketing when shooting under complicated lighting conditions and experiment with various exposure settings.

### Multiple exposure

This feature lets you take as many images as you like on the same frame. Great for exciting and graphic compositions.



## Autofocus

### Three-Area Autofocus

The F55's autofocus sensors cover a wide picture-taking area. This sophisticated system assures sharp pictures, even when your subject is not centred in the frame.

### Dynamic AF

With Dynamic AF at work, the F55 uses all three AF sensors to maintain focus on fast-moving subjects.

## Built-in Speedlight

### Intelligent Speedlight

When set in Auto and certain Vari-Program modes, the F55's built-in Speedlight automatically pops up to fire in low light or when the subject is backlit.

Note: Operation is disabled in Sports Continuous and Landscape modes.

## Versatile flash modes

In addition to Auto Flash, you can use Slow Sync. — which uses a slower shutter speed — to bring out background details in low light. Red-Eye Reduction minimises the appearance of red-eye in portraits of people and animals.

## Other Convenient Features

### Dioptre adjustment

Adjust the viewfinder to match your eyesight correction.

### Self-timer

Delays shutter firing for 10 seconds so you can put yourself in the picture.

### Command Dial operation

Just turn the dial for smooth, fast and easy camera setting selection.

### LCD panel

Large, clear LCD panel gives camera setting information at a glance.

### Pre-wind film loading

With this feature you don't have to wait for the film to rewind. After the last shot, the film is already back in the cassette. This also preserves shots you've already taken if the camera back is accidentally opened.



- |  |  |
|--|--|
| 1 Shutter release button   | 10 Focus mode selector   |
| 2 Aperture/Exposure compensation/<br>Film rewind button            | 11 Power switch  |
| 3 Self-timer button  | 12 Self-timer/AF-Assist Illuminator/<br>Red-Eye Reduction lamp |
| 4 Focus area button  | 13 Camera back lock release                                    |
| 5 LCD panel  | 14 Film confirmation window                                    |
| 6 Exposure mode dial   | 15 Rubber eyecup   |
| 7 Flash lock release/Flash sync.<br>mode button                    | 16 Dioptre adjustment lever                                    |
| 8 Auto Exposure Bracketing/Multiple<br>exposure/Film rewind button | 17 Command Dial  |
| 9 Lens release button  | 18 Tripod socket   |
|  | 19 Battery chamber cover lock<br>release lever                 |

# Nikon Accessories

## AF Nikkor lenses

More than 40 AF Nikkor lenses broaden your shooting horizons.

Note: Autofocus will not function with AF-S Nikkors attached to the F55. VR (vibration reduction) operation is also disabled.

## Nikon Speedlights

Want more flash power? You can use optional Nikon Speedlights like the SB-80DX or SB-Z2s.

Note: With optional Nikon Speedlights, flash output is controlled via Non-TTL Auto Flash operation.

## Close-up attachment lenses

Makes getting up close to your subject truly simple.

## Nikon filters

Add colour or atmosphere to your pictures for dazzling effect.

## Eyepiece correction lenses

Extend the dioptre correction beyond the camera's standard range.

## Nikon neckstraps

## Camera case CF-62



## Lenses compatible with built-in Speedlight

28mm to 200mm non-zoom CPU Nikkor lenses and AF-S 300mm f/4D IF-ED lens can be used without vignetting.

Vignetting occurs at the edges of the frame resulting in under exposure with the following lenses, which have limitations in usable focal length and/or shooting distance.

AF 24-95mm f/2.8-4D IF: 35mm or longer focal length; and at 35mm, 1.5m or longer shooting distance; at 50mm, 1m or longer shooting distance. AF-S 24-85mm f/3.5-4.5G IF-ED: 28mm or longer focal length; and at 28mm, 1m or longer shooting distance. AF 24-120mm f/3.5-5.6D IF: 35mm or longer focal length; and at 35mm, 1m or longer shooting distance. AF 28-100mm f/3.5-5.6G: At 28mm, 2.5m or longer shooting distance. AF 28-105mm f/3.5-4.5D IF: At 28mm, 1m or longer shooting distance. AF 28-200mm f/3.5-5.6D IF: 35mm or longer focal length; and at 35mm, 2m or longer shooting distance. AF 35-70mm f/2.8D: At 35mm, 2.5m or longer shooting distance. AF Micro 70-180mm f/4.5-5.6D ED: At 70-95mm, 1m or longer shooting distance. AF-S VR 70-200mm f/2.8G IF-ED: 135mm or longer focal length; and at 105mm, 1.8m or longer shooting distance. AF-S 80-200mm f/2.8D ED: 105mm or longer focal length.

Note: The data above relates to regular colour prints, the edges of which are cropped during photo processing. The amount of vignetting increases when the images are viewed in full size, such as with colour slides.

## F55 Specifications

<b>Type of camera</b>	Integral-motor autofocus 35mm single-lens reflex with electronically controlled focal-plane shutter and built-in Speedlight
<b>Exposure modes</b>	<b>AUTO</b> : AUTO mode; Vari-Program modes ( <b>P</b> : Portrait, <b>L</b> : Landscape, <b>C</b> : Close-Up, <b>S</b> : Sports Continuous, <b>N</b> : Night Portrait); <b>P</b> : Auto-Multi Program (Flexible Program possible); <b>S</b> : Shutter-Priority Auto; <b>A</b> : Aperture-Priority Auto; <b>M</b> : Manual
<b>Picture format</b>	24 x 36mm (standard 35mm film format)
<b>Lens mount</b>	Nikon F mount (with AF coupling, AF contacts)
<b>Lens</b>	AF Nikkor and Ai-P Nikkor lenses (except AF Nikkor for F3AF and IX-Nikkor)
<b>Viewfinder</b>	Fixed eyelevel penta-Dach-mirror type, built-in dioptre adjustment (-1.5 to +0.8m <sup>-1</sup> )
<b>Eyepoint</b>	17mm (at -1.0m <sup>-1</sup> )
<b>Focusing screen</b>	B-type Clear Matte Screen V with focus brackets
<b>Viewfinder frame coverage</b>	Approx. 89%
<b>Finder magnification</b>	Approx. 0.68-0.60x with 50mm lens set to infinity (at -1.5 to +0.8m <sup>-1</sup> )
<b>Viewfinder information (with illuminator)</b>	Focus indications, focus area, shutter speed, aperture, electronic analogue exposure display/exposure compensation value display, exposure compensation, flash ready-light/flash recommended/full flash output, three sets of focus brackets (area)
<b>Reflex mirror</b>	Automatic, instant-return type
<b>Lens aperture</b>	Instant-return type
<b>Autofocus</b>	TTL phase detection, Nikon Multi-CAM530 autofocus module with AF-Assist Illuminator (approx. 0.5-3m); detection range: EV -1 to EV 19 (ISO 100)
<b>Lens servo</b>	<b>AF</b> : Auto-Servo AF: camera automatically chooses Single Servo AF or Continuous Servo AF operation according to the subject status, i.e. stationary or moving (including directional information); Single Servo AF (focus is locked when the subject is in focus); Continuous Servo AF (camera continues to focus on a moving subject); Focus Tracking with Lock-On™ automatically activated by subjects status <b>M</b> : Manual focus
<b>Focus area</b>	One of three focus areas can be selected
<b>Focus area mode</b>	Dynamic AF Mode with Closest-Subject Priority; Dynamic AF Mode; Single Area with <b>M</b> focus mode
<b>Metering system</b>	TTL full-aperture exposure metering system; three metering systems selectable (limitations with lens used); 3D five-segment Matrix Metering with D-/G-type AF Nikkor; Five-segment Matrix Metering with AF Nikkor other than D-/G-type (except AF Nikkor for F3AF and IX-Nikkor), Ai-P Nikkor; Centre Partial Metering; automatically selected with Manual exposure mode
<b>Metering range</b>	EV 1-20 (ISO 100, f/1.4 lens)
<b>Exposure meter coupling</b>	CPU
<b>Exposure compensation</b>	Exposure compensated in ±2 EV range, in 1/2 steps (except in <b>M</b> , <b>AUTO</b> or Programmed Flash)
<b>Auto Exposure Bracketing</b>	Bracketing range: ±2 EV; number of shots: three; bracketing steps: 0.5, 1, 1.5 or 2 EV (except in <b>AUTO</b> or Vari-Program)
<b>Film speed setting</b>	Automatically set to ISO film speed of DX-coded film in use (manual not selectable); film speed range: DX: ISO 25-5000, automatically set to ISO 100 with non-DX-coded film
<b>Shutter</b>	Electronically controlled vertical-travel focal-plane shutter
<b>Shutter speeds</b>	In <b>AUTO</b> , <b>P</b> , <b>L</b> , <b>C</b> , <b>S</b> , <b>N</b> , <b>A</b> : automatically set between 30 and 1/2000 sec.; in <b>S</b> : 30 to 1/2000 sec. (in 1/2 steps); in <b>M</b> : 30 to 1/2000 sec. (in 1/2 steps), Time
<b>Sync. contact</b>	X-contact only; flash synchronisation up to 1/90 sec.

<b>Built-in Speedlight</b>	In <b>AUTO</b> , Vari-Program (except in <b>P</b> or <b>S</b> ): automatically activated; in <b>P</b> , <b>S</b> , <b>A</b> , <b>M</b> : activated by pressing flash lock-release button; guide number: 12 (at ISO 100, m); flash coverage: 28mm or longer lens; film speed range: ISO 25 to ISO 800									
<b>Flash control</b>	Controlled by TTL Sensor; Matrix Balanced Fill-Flash; built-in Speedlight and CPU Nikkor lens (except in Manual exposure mode); standard TTL: in Manual exposure mode; Non-TTL Auto Flash; optional Speedlight and CPU Nikkor lens (except in A or M exposure mode); film speed range in TTL auto flash: ISO 25 to 800									
<b>Flash sync. mode</b>	Front-Curtain Sync. (normal sync.), Slow Sync., Red-Eye Reduction, Red-Eye Reduction with Slow Sync., Flash Cancel									
<b>Ready-light</b>	Flash fully charged: ready-light lights; full output warning: ready-light blinks									
<b>Flash recommended indication</b>	Blinks when the subject is dark or backlit and Speedlight is recommended in <b>P</b> , <b>S</b> , <b>A</b> , and <b>M</b>									
<b>Accessory shoe</b>	Standard ISO-type hot-shoe contact (sync. contact, ready-light contact, GND); safety lock provided									
<b>Self-timer</b>	Electronically controlled; timer duration: 10 sec.									
<b>Film loading</b>	Easy loading, automatic prewind with built-in motor; film automatically advances to first frame (frame of the maximum number of available exposure) when camera back is closed									
<b>Film advance</b>	Automatic advance with built-in motor; continuous shooting possible in <b>S</b> Sports Continuous mode; film advance speed: approx. 1.5 fps (fresh batteries)									
<b>Film rewind</b>	Automatic rewind with built-in motor; mid-roll rewind available									
<b>Multiple exposure</b>	Selectable in <b>P</b> , <b>S</b> , <b>A</b> , <b>M</b>									
<b>LCD panel information</b>	Shutter speed, aperture, exposure compensation, exposure compensation value, Auto Exposure Bracketing, multiple exposure, flash sync. mode, focus area, battery power, frame counter, self-timer									
<b>Date/time imprint function (F55D only)</b>	Built-in clock: 24-hour type with timing accuracy within ±90 seconds a month; leap year adjustment until December 31, 2049; usable film: ISO 32 to 3200 DX-coded film; display mode: Year/Month/Day, Day/Hour/Minute, No Imprint, Month/Day/Year and Day/Month/Year; power source: one 3V CR2025 lithium battery; battery life: approx. three years (depending upon use of data imprint function and other operating conditions)									
<b>Camera back</b>	Hinged back with film confirmation window; F55D: data imprint LCD panel/buttons									
<b>Power source</b>	Two 3V CR2 lithium batteries									
<b>Power switch</b>	Power ON and OFF positions									
<b>Exposure meter</b>	Auto meter shut-off 5 sec. after power turned on if no operations are performed; activated by lightly pressing shutter release button after power is turned on									
<b>Battery power confirmation</b>	In LCD panel, with exposure meter on;  for sufficient power;  indicates batteries are nearing exhaustion; blinking  indicates batteries are just about exhausted									
<b>Usable number of 36-exposure (24-exposure) film rolls per set of two fresh 3V lithium batteries</b>	<table border="1"> <thead> <tr> <th></th> <th>At 20°C</th> <th>At -10°C</th> </tr> </thead> <tbody> <tr> <td>Without flash</td> <td>Approx. 45 (67)</td> <td>Approx. 27 (40)</td> </tr> <tr> <td>With flash and AF-Assist Illuminator for half of all exposures</td> <td>Approx. 11 (16)</td> <td>Approx. 7 (10)</td> </tr> </tbody> </table>		At 20°C	At -10°C	Without flash	Approx. 45 (67)	Approx. 27 (40)	With flash and AF-Assist Illuminator for half of all exposures	Approx. 11 (16)	Approx. 7 (10)
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<b>Tripod socket</b>	1/4 (ISO 1222)									
<b>Dimensions (W x H x D)</b>	F55: Approx. 129 x 92 x 65mm; F55D: Approx. 129 x 92 x 67.5mm									
<b>Weight (without batteries)</b>	F55: Approx. 350g; F55D: Approx. 360g									

All specifications apply when fresh batteries are used at normal temperature (20°C). Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

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	Application period: Print/Slide Division: <b>May 1, 2002 - Oct. 31, 2002</b> Web Entry Division: <b>July 1, 2002 - Oct. 31, 2002</b>
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We take the world's  
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	<b>WARNING</b>	TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.
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