

WILSONWERKS ARCHIVES

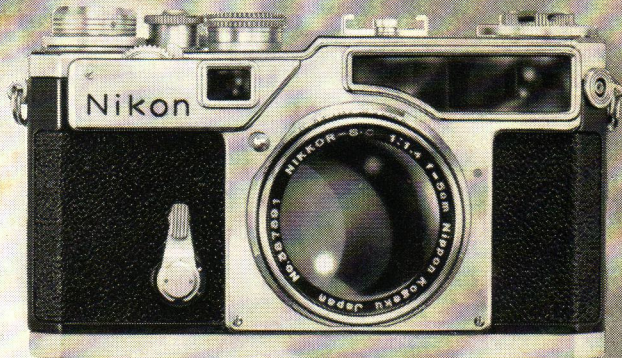
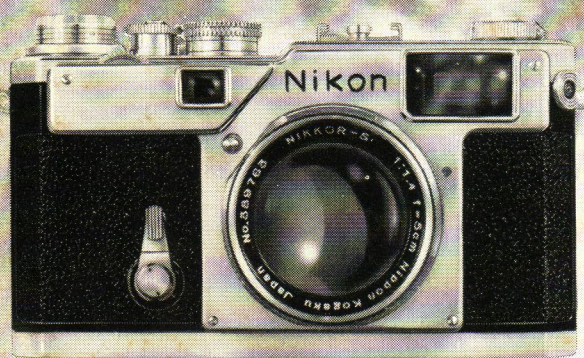
This camera manual is for reference and historical purposes, all rights reserved.

This cover page is copyrighted material. This document may not be sold or distributed without the express consent of the publisher.

©2008 wilsonwerks Llc

NIKON

GIVES YOU AN EXTRA EDGE . . .
IN EVERY PICTURE SITUATION



NIKON S3 AND NIKON SP 35MM CAMERAS



the
most
exciting
name

NIKON

in 35mm
photography

The "discovery" of Nikon by a handful of professional photographers during the Korean conflict sparked a word-of-mouth chain reaction that spread like wild fire. In record time, there was hardly a professional who didn't boast at least one piece of Nikon equipment — a Nikon S camera or a Nikkor lens.

Here indeed, was a new standard of 35mm performance. And its trial-by-fire — by the most critical group of photographers in America — made Nikon a name to be reckoned with, whenever the talk got around to top level 35mm equipment.

Then, in 1954, Nikon introduced a new model —

the Nikon S-2. Beyond its quality and features, the S-2 brought to its users a new ease and speed of handling. Nikon's "advance-focus-shoot" handling speed was quick to become sought after, by professionals and amateurs alike. To the pro, it meant a new ability to document life — as it was happening! To the amateur, it filled the need for professional quality and features — free of needless manual operations. It wasn't long before the S-2 was acknowledged as one of the most desirable cameras of its day.

Then, in September 1957, Nikon introduced the new SP — then the S-3 — and suddenly the most exciting name in 35mm photography was Nikon.



S3 OR SP

Nikon gives you an extra edge ...in every picture situation

Whether you choose an S-3 or SP for your work, you enjoy the many exclusive Nikon features. Only the unique viewfinders differ.

S-3 or SP, you can call upon the responsiveness of Nikon fast-handling speed; the unmistakable quality of Nikkor lenses; the automatic fire-power of the Nikon Electric Motor Drive; the convenience of the Nikon shutter-coupled Exposure Meter; and the versatility of all the Nikon accessories, which are fully interchangeable between S-3 and SP.

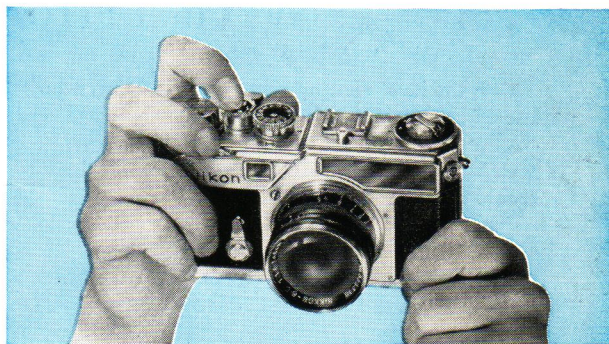
Advance-Focus-Shoot Handling Speed

Keynoting Nikon precision is its characteristic handling ease and speed. 35mm photography is a dynamic art, fresh and spontaneous. The tools for this art must be fluently responsive, so free from the mechanics of operation, that the photographer may devote himself completely to his creative task.

Along every step of the picture-taking procedure, Nikon responds with effortless ease and speed — delivering the quality of its performance with an almost instinctive anticipation of your wishes. For example, with three fingers of one hand — thumb on the film advance lever, middle finger on the focus wheel and forefinger on the body release — you can advance the film, focus the lens, and shoot the picture, in as little time as it takes to say, “advance-focus-shoot.”

Unmistakable Quality of Nikkor Lenses

When shooting with a Nikkor lens, you work with new confidence. The combination of high speed



with high resolution lets you get pictures you would never have chanced. You work with that wonderful feeling that no light is too dim, no enlargement too great for Nikkor lens quality.

And with an S-3 or SP, you enjoy Nikon styling, from the trim body lines to the distinctive viewfinder windows, right on to the satin chrome fittings and striking black dials with contrasting numbers.

Today, the question among 35mm enthusiasts is “Which Nikon for me?” Let us then examine the one characteristic difference between the S-3 and SP — the viewfinder.

Nikon's Versatile Viewfinders

S-3 or SP, Nikon's versatile viewfinders help you choose and use interchangeable lenses faster and more effectively. They contribute to Nikon's handling speed and picture-taking ease. Working with interchangeable lenses, you can choose the lens faster—and put it to work faster. Without removing a lens from the camera, you can “preview” a scene and pre-determine which focal length will give the framing you want.

And once you've selected the lens to use, you can bring it into play faster, since no accessory finders

are required. In conjunction with the Nikon quick-change bayonet lens mount, you can be ready to shoot in less than 10 seconds. Focusing and composing is faster too, since there is no need to shift the eye to an auxiliary finder on top of the camera.

In addition, the finders on both the SP and S-3 provide you with the convenience of Nikon's original, full life-size (one-to-one) viewing image, which permits easy, accurate focusing and composing—even with both eyes open.

NIKON S3 With Trifocal Viewfinder

This is the ideal viewing system for the many who use a 35mm wide-angle for “normal” shooting; for those who consider a 35, 50 and 105mm—wide angle, normal and telephoto—the ideal combination for most of their work.

Among its features:

COMBINED RANGE VIEWFINDER with built-in fields for 35mm, 50mm and 105mm lenses.

LIFE-SIZE VIEWING IMAGE for 35, 50 and 105mm lenses

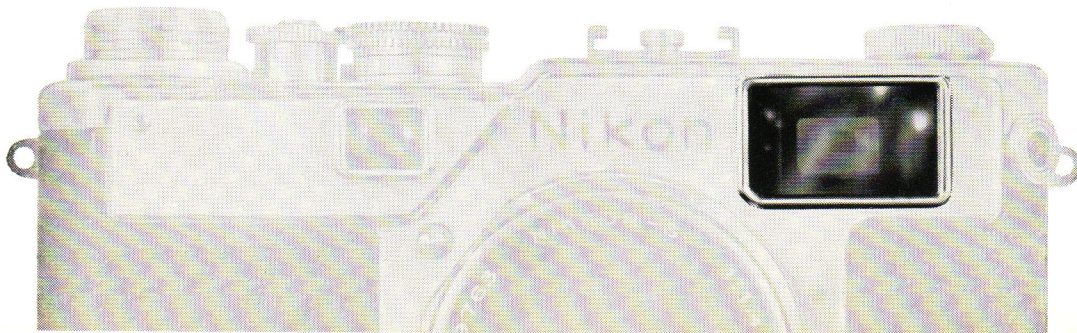
PARALLAX INDICATORS for 35, 50 and 105mm lenses

3-LENS PREVIEWER



Subject seen through Trifocal Finder: full frame represents 35mm field of view; middle frame for 50mm (normal) lens; inner-most frame for 105mm telephoto.

Nikon S-3 with 50mm Nikkor f/2, \$309.50; with 50mm f/1.4, \$355.



NIKON SP

with built-in

Universal Viewfinder System

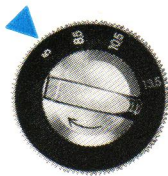
Here is the first and only rangefinder—coupled 35mm camera to realize the *full* potential of interchangeable lenses. The Nikon SP's Universal Viewfinder System provides built-in viewing fields for 6 different focal lengths — 28, 35, 50, 85, 105 and 135mm — without need for accessory finder. It makes the Nikon SP the ultimate camera for anyone seeking full effectiveness with interchangeable lenses.

LIFE-SIZE VIEWING IMAGE —combined range/viewfinder provides bright frame fields for 50, 85, 105 and 135mm lenses

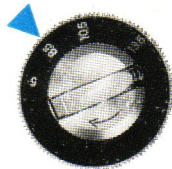
AUTOMATIC PARALLAX COMPENSATION continuous — for 50, 85, 105 and 135mm lenses

WIDE ANGLE OPTICAL FINDER for 28 and 35mm lenses — with parallax indicators for 35mm. You compose in a brilliant optical finder, barely an eyelash from the rangefinder window.

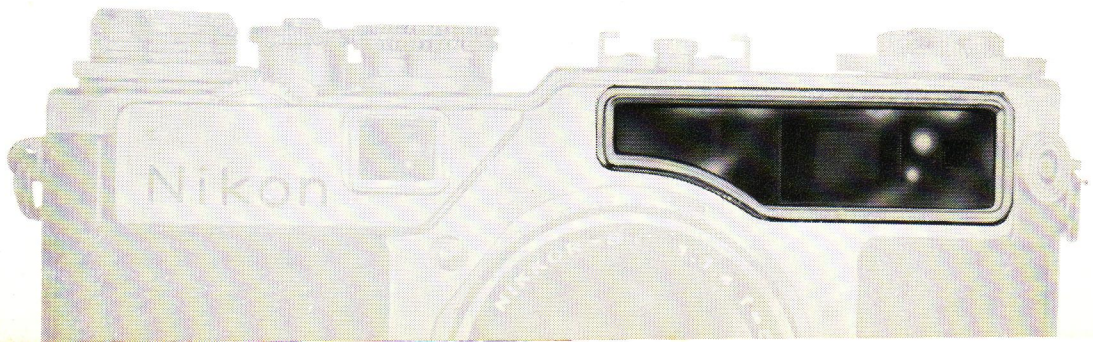
6-LENS PREVIEWER



With Lens Field Selector set at "5", you see only the 50mm field of view. Setting the Selector to "8.5" adds the 85mm field, etc.



Nikon SP with 50mm Nikkor f/2, \$369.50; with 50mm f/1.4, \$415.



NIKON S3 AND SP

*new, modern innovations, plus all the
fast-handling features that have
become traditional with Nikon*

EXPOSURE COUNTER WITH AUTOMATIC "0" RESET

Exposure counter automatically resets to "0" with new film load. Numbers on counter are white on black field for maximum visibility under "available light" conditions. Convenient Film Load Reminder can be set for 20 or 36 exposure load.

PRECISION FOCUSING WHEEL

Smooth, vernier, finger-tip control makes it easier to achieve precise, accurate focusing.

AUTOMATIC BODY RELEASE LOCK

Prevents double or partial exposures; prevents accidental firing of flash bulb before shutter is wound.

SINGLE-STROKE FILM ADVANCE LEVER

One short stroke advances the film and winds the shutter.

COLOR-CODED FLASH SYNCH CONTROL

Flash synchronization is built in for all speeds including 1/1000th, with provision for electronic flash at 1/60th. Color-coded Synch-Control coincides with color-coded speed dial — shows recommended range of shutter settings for each bulb type; automatically compensates for peak characteristics of indicated bulb.

13 SHUTTER SETTINGS ON SINGLE DIAL

Dial is easy to set — before or after shutter is wound. Has 13 click-stop settings: 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, 1/1000, Time and Bulb. Dial turns full 360°; can be set from fastest speed to slowest speed without obstructions. Dial does not rotate while shutter is being wound or released.

***LENS FIELD SELECTOR**

Settings at 50, 85, 105 and 135; rotating dial to given number permits you to view the precise bright-frame viewing field for any Nikkor Lens of corresponding focal length.

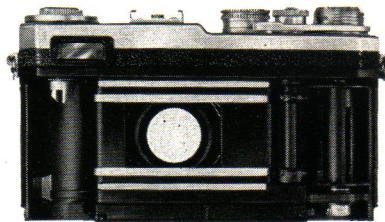
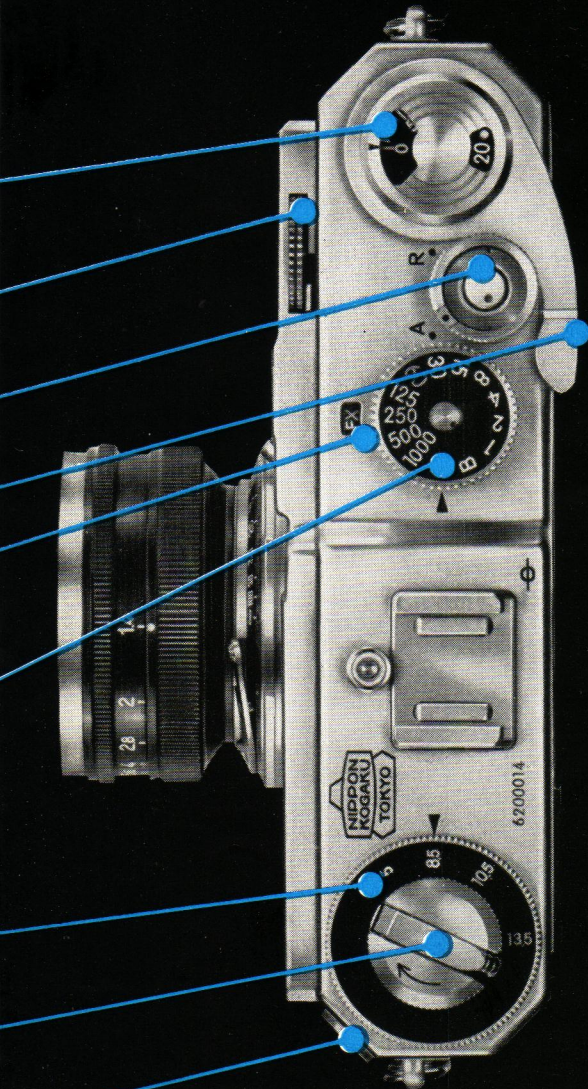
HIGH-SPEED FILM REWIND CRANK

Fold-down crank lever permits rewind of 36 exposure load —
in less than 20 seconds!

ONE TERMINAL FOR ALL FLASHBULBS AND ELECTRONIC FLASH

Conveniently located so that connecting cord does not interfere with viewing and other operations.

* on SP only



COMPLETELY REMOVABLE BACK

With single-key, dual-lock — for faster loading, easier cleaning. Permits interchange with accessory backs.

FIXED TAKE-UP SPOOL

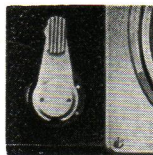
Precisely aligned at factory to insure even film draw. Speeds film loading; can't wobble or fall out.

BALL-BEARING FOCAL PLANE SHUTTER

Thermally compensated to assure accurate, uniform operation — even under temperature extremes. Shutter action is whisper quiet.

FASTEST SHUTTER CURTAIN ACTION

Travels the focal plane in 13 milliseconds — 45% faster than other 35's. Increases stop-action effectiveness; minimizes elongation distortion; permits more accurate flash synchronization.



CALIBRATED, BUILT-IN SELF TIMER

Can be pre-set to trip shutter in 3, 5, or 10 seconds, or any intermediate time lag. An ingenious aid for hand-held exposures at slow shutter speeds.

TRIPOD SOCKET IN BODY CASTING

For greater strength and rigidity — eliminates unnecessary strain on camera back as with conventional tripod-in-baseplate construction; centered for better balance.

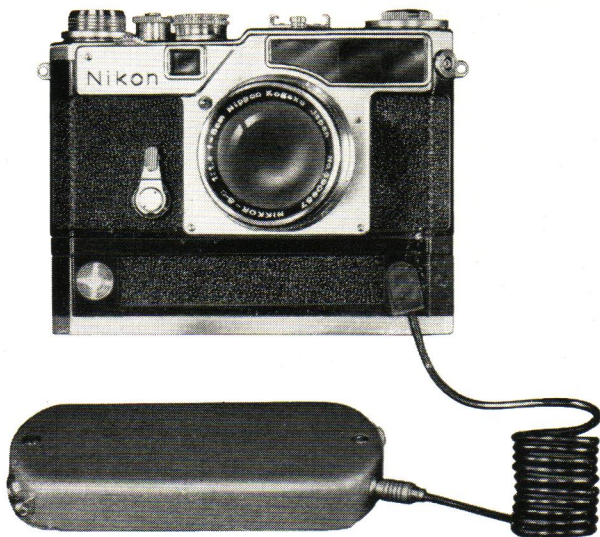
GOLD COATED REFLECTING ELEMENTS IN RANGEFINDER

Most cameras use silver, which tarnishes. The gold coated elements in a Nikon rangefinder are unaffected by atmospheric conditions, and continue to produce a brilliant image long after others grow dim with age.

ADDITIONAL FLASH CONTACT

Located in accessory shoe; for special Nikon cordless flash unit (model BC-4)

ASA FILM RATING REMINDER



Nikon rapid-fire electric motor drive

The Nikon Electric Motor Drive brings automatic fire-power to 35mm photography. It permits you to make power-driven single exposures, and bursts of two or more continuously through a 36 exposure load. It is available for the S-3 or SP and interchanges with the camera back. Battery powered, it automatically advances the film and releases the shutter, without vibration.

The rapid-fire Electric Motor Drive operates by means of a conveniently located trigger button. Exposures are made at the rate of 3 per second, as desired, for as long as the trigger button is depressed. Or, the unit

may be pre-set for automatic shut-off after any number of desired exposures.

The motor is powered by 6 standard pen-light batteries, in a compact battery case that fits conveniently into the photographer's shirt or breast pocket. The battery case has outlet provision for remote control.

The rapid-fire Electric Motor Drive has innumerable applications in the fields of industrial, medical, news, portrait, scientific and sports photography. It is ideally suited for time-and-motion studies, time-lapse photography and remote automatic photography in dangerous or inaccessible locations.



Rapid-Fire Sequence by Ray Shorr
with Nikon SP, Electric Motor
Drive and 105mm Nikkor Lens.



Nikon shutter-coupled exposure meter

The Nikon Exposure Meter provides accurate exposures, faster, over a wide range of light conditions. It slips into the accessory shoe of the SP or S-3, and couples to the shutter-speed dial. Correct exposures can be set by simply rotating the shutter speed dial until the exposure meter indicates the pre-selected f/ stop; or readings can be made directly in f/ stops for a given shutter speed setting. The operation is fast, accurate and foolproof.

The Nikon Exposure Meter is equipped with two scales—for bright and dim light—and a plate for incident light readings.

An accessory light booster, with 400% magnification for “available light” conditions permits accurate meter readings even with illumination that would require an exposure of f/1.4 at $\frac{1}{4}$ second with a film exposure index of 100.



Nikkor high-speed high-resolution lenses

One of the most compelling advantages of the S-3 and SP is that they feature Nikkor Lenses. Any Nikkor, in Nikon mount, can be used interchangeably on S-3 and SP. Today there are 16 different Nikkors — from 25mm extreme wide angle — to the remarkable new 35mm f/1.8 and super-speed 50mm f/1.1 — to 500mm telephoto.

Each features the superb definition, resolution and

corner-to-corner sharpness — even at wide open apertures — that has made Nikkor quality a virtual necessity for almost every 35mm photographer!

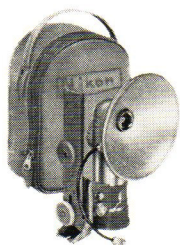
Both the S-3 and SP retain Nikon's quick-change bayonet lens mount, proved so popular on previous Nikon models. A *one-quarter* turn lets you mount a Nikkor — with assurance of positive “seating” and precise alignment with the film plane.

NIKON

accessories

Added versatility for S-3 and SP

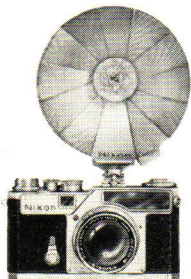
Nikon photography abounds with versatility. S-3 or SP, when you start with Nikon, there is a sweeping range of accessories — for increasing the ease and scope of general work — for handling virtually any specialized application. Each accessory is graced with the precision, quality and handling ease that have become synonymous with the Nikon name.



NIKON BC-3 FLASH UNIT
with 4½" reflector,
bracket, extension
outlet, charge/and
circuit-testers, case



**NIKON SP FINDER
ILLUMINATOR**
battery powered, boosts
the illumination in the
SP's bright frame lines,
for clear visibility under
poorest lighting
conditions



NIKON BC-4 FLASH UNIT
compact, cordless,
fan-fold flash fits
accessory shoe,
automatically makes
contact with flash
terminal



NIKON PANORAMA HEAD
permits 360° panoramic
series with any Nikkor
lens—28mm to 135mm



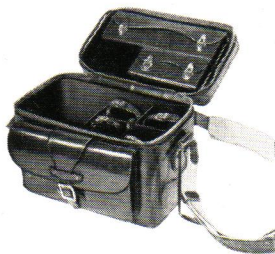
NIKON INDIVIDUAL FINDERS
provide brilliant image for 35, 85, 105 and 135mm lenses; with life-size image and parallax adjustment on 85, 105 and 135mm models.



NIKON MICROFLEX
micro-photography is easier with this prism reflex unit; fits any standard draw tube



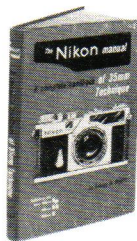
"SNAP ON" LENS HOODS & CAPS
these unique lens caps and hoods work with "slip-on" speed, "screw-in" security



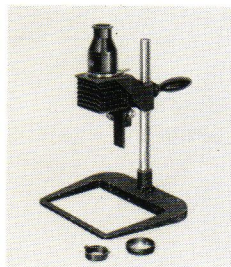
NIKON COMPARTMENT CASE
provides ready portability for complete outfit — camera, lenses, flash, etc.



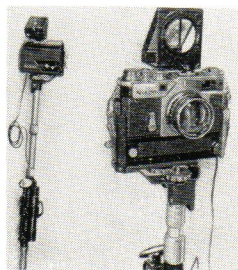
NIKON CLOSE-UP ATTACHMENT
permits rangefinder focusing down to 18" — with parallax compensation for viewing



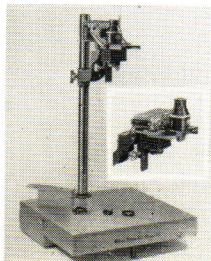
NIKON MANUAL
288 pages packed with Nikon information — and modern techniques for 35mm photography



NIKON "SA" REPRO-COPY OUTFIT
for copying and macro-photography from 1:20 to 1:1 (life-size); groundglass focusing



MOTOR DRIVE EXTENSION UNIT
for remote viewing and firing of Electric Motor Drive. Extends from 20" to 40". Includes extension grip, periscope finder, case.



NIKON "PA" REPRO-COPY OUTFIT
with auto-positioning for copying and macro-photography from 1:17 to 1:1 (life size) for fast focus and framing

Other Nikon accessories include: corrective eyepiece, film cassettes, offset bracket, filters, reflex housing, enlarging lens, underwater housing, and stereo attachment outfit. For complete details, request brochure F148.

what the pro's say about Nikon cameras and Nikkor lenses

"How much I value the consistently high-quality performance which the Nikon has given me . . . it's been of great advantage to work with Nikon's ease of operation and to have confidence in its accuracy and reliability. Most important of all, to know that its quality is consistent. Of all the 35mm cameras I've used—the Nikon, with its Nikkor lens, is the sharpest, and gives ideal resolution and color rendition."

—Peter Gowland

"The Nikkor Lens has become probably the most desirable lens in all the world."

—David Douglas Duncan

"Construction throughout is excellent . . . each new feature is desirable and contributes to the merits of the instrument . . . it's much like the sensation of having in your control the luxury and power of a fine, high-powered automobile."

—Ed Hannigan, Editor, U. S. Camera

"Boasting the same lens equipment that has made Nikon synonymous with quality, it (the SP) is a marvel of compactness, precision and ease of handling."

—Ed Fitzgerald, United Press

"A fast-shooting, easily-operated, ruggedly designed, upper echelon miniature."

—Bob Schwalberg

". . . truly the answer to my prayer. The resolving power of the lens is wonderful . . . the lack of flare and halation when shooting into bright lights and the excellent detail even on color film. The camera has really saved my life many times with its rugged construction . . ."

—Bob Willoughby

". . . Nikon is a real workhorse for us. With it, we have produced pictures never before possible in newspaper work. . . We find its sharpness, light weight, the complete mobility and flexibility of its fine interchangeable lenses permit us to reach out for color subjects where we never before, with larger film sizes, would dare go."

—Gordon Kuster, Sr.,
Director of Photography
The Columbus Dispatch

"Today, the Nikon SP is considered by most professionals as the century's most advanced 35mm—in short, *the* camera to beat."

—Coronet Magazine





NIKON LITERATURE

- Nikkor Lenses F147
- Nikon Accessories F148
- Nikon Electric Motor Drive F146
- Nikon Prism Binoculars F60
- Nikon Astronomical Telescopes... F149

At your dealer or write directly to Nikon Inc.



NIKON INCORPORATED

251 Fourth Avenue, New York 10, N. Y.

Product of **NK**
Nippon Kogaku

Exclusive U. S. Agents for
NIPPON KOGAKU, K.K.

TOKYO, JAPAN

manufacturers of

Nikon cameras • Nikkor Lenses • Mikron Binoculars
Astronomical Telescopes • Research Microscopes
Contour Projectors • Surveyors Transits and
other fine optical instruments

NIKON
SP
NIKON
S3
NIKON

CAMPUS CAMERA CENTER
1616 N. High St. — AX. 9-3749
COLUMBUS 1, OHIO