## KONICA



## KONICA AUTO-REFLEX



## NOMENCLATURE

(1) HEXANON Lens (Standard)
(2) Focusing Ring
(3) Manual Ring
(4) Distance Scale
(5) Depth of Field Preview Button
(6) CdS-Meter Light Accepting Window
(7) Lens Change Button
(8) Cartridge Chamber
(9) Film Take up Spool
(1) Film Rewind Crank
(II) Film Counter
(1) Metal Focal Plane Shutter
(B) Light Shields for Half; Frame
(14) Film Speed Dial
(b) Shutter Speed Dial
(1) Cocking Lever
(16) Eyepiece
(18) Shutter Release Button
(1) Mercury Cell Switch
(21) Selftimer
(21) Picture Size Switch Lever

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## A CAMERA IN YOUR DREAM CAME TRUE!

First In The World As the only Single Lens Reflex of ELECTRIC EYE system, the KONICA Auto-Reflex is already acclaimed by experts as "the Camera of the Century". With the EE range from EV2 (light of a match) to EV18 (dazzling light of snow scenes), your photographic eye and ability will truly combine with the camera.

First In The World

## FULL SIZE $\ddagger$ HALF-FRAME

There will be such a time as will make you feel like taking as many pictures as possible on a film throughout or on a certain length of the film. You can switch either to HALF or FULL while shooting without opening the backlid or taking out the film loaded.


Sharpest Focusing by 1700 Microdiaprisms


# The Ultimate Perfection for Professionals Greater Pleasures for Amateurs 

- "Basket Weave" Easy Loading Take-up Spool permits instantaneous film loading.
- You need not take your eye off the Viewfinder while shooting to confirm at what aperture the shutter is actuateci. Now no nuisance at all! You can keep going on speeay and accurate picture-taking as a true "shutterbug"
- The Metal Focal Plane Shutter is dynamic, yet silent; fast, yet steady; rigid against extremes of heat and cold: its blade transit speed $3 \mathrm{~m} / \mathrm{sec}$. Flash synchronization at all shutter speeds from one second to $1 / 1000$ with class M flash bulbs; up to $1 / 125$ at X setting with electronic flash.
- The super-sensitive CdS Lightmeter coupled to the EE mechanism can be used for proper exposure determination even in the event of manual operation. Thus you can pursue special exposure effects and fine exposure adjustments.
- HEXANON standard lenses and a complete line of HEXANON interchangeable lenses - camera fans know better than we about HEXANON's superiority - including the compact Zoom lens for half-frame filming. Micro diaprisms for extremely bright and clear focusing. Abundant accessories, attachments, auxiliary devices. Into all these and in every part of the KONICA Auto-Reflex, Konica's technology is permeated.



## ZOOM HEXANON 47~100mm



Designed for universal use
in half the size picture taking the Auto-Reflex features. Also can be used for particular effect bearing portraiture in full size.

It's a some enjoyment!


## ACCESSORIES


(1) Microscope Adapter: Used for microphotography, attached between the microscope and the camera body.
(2) Extension Bellows IID: Deluxe type of Extension Bellows II. Magnification $\times 1-\times 3$. Slide Copier: Combined with Extension Bellows IID, used for duplicating color slides, negatives.
(3) Close-up Ring: Used for macrophotography of up to actual sizes, attached between the camera body and the lens.
(4) Extension Bellows II: In close-up and macrophotography, you can try gradual change in the magnification of from $\times 1$ to $\times 3$ without transferring your Konica Auto-Reflex.
(6) Close-up Auxiliary Lens: Simply by screwing into the front lens frame, you can take close-ups and copy photographs under automatic aperture. \#1 lens is for distances 64.5 32.0 cm (approx. $2^{\prime} 5^{\prime \prime}-1^{\prime} 3^{\prime \prime}$ ); \#2 lens, $36.6-$ 25.8 cm (approx. $1^{\prime} 4^{\prime \prime}-1^{\prime} 1 / 2^{\prime \prime}$ ). If \#1 and \#2 lenses are put together, you can approach as near as 23.2 cm (approx. $91 /{ }^{\prime \prime}$ ).
(6) Angle Finder: Used in case you find it difficult to look in the viewfinder directly. The lens barrel of the eyepiece side rotates $360^{\circ}$ in parallel with the camera body.
(7) Copy Stand: Used when taking copies of printed matter, photographs, pictures, drawings in sizes up to $20 \times 29 \mathrm{~cm}$ (approx. $8^{\prime \prime} \times$ $1^{\prime} 1^{\prime \prime}$ ), holding the camera on the support.
(8) Eyesight Adjustment Lens: Four kinds available: $+3,+2,+1,-2.5$
(9) Konica Lens Mount Adapter: Used when using any of HEXANON lenses you may have for your Konica FM, FP, FS.
(1) Exakta Lens Mount Adapter
(11) Praktica Lens Mount Adapter
(1) Konica Lightmeter III: Exclusive use for K.onica Auto-Reflex P, clip-on system, measuring range EV1 - EV19.
(B) Accessory Clip: Used as base for holding flashgun, electronic flash.
(4) Konica Lens Hood: Comes in for each lens.
(b) Auto Ring and Double Cable Release: Used to keep the function of automatic aperture in case close-up ring or extension bellows is used.
(11) Shutter Release Cable: Easy to use for precision work.
(1) Konica Filters

## KONICA AUTO-REFLEX Specifications

Picture Size: $24 \times 36 \mathrm{~mm}$ and $18 \times 24 \mathrm{~mm}$ (half-frame), picture size changeable.
Film: 35 mm film in safety cartridge.

## Standard Lens:

Hexanon 57 mm f/1.4, 6 elements in 5 groups or Hexanon 52 mm f $/ 1.8$, 6 elements in 5 groups All improved amber-coated, closest taking distance $45 \mathrm{~cm}^{\prime}(1.5 \mathrm{ft})$.
Mount: Konica II bayonet mount, 47 mm diameter, 40.5 mm flange back.

Aperture Device: Fully automatic aperture (automatic full opening), manual aperture checker for depth of focus.
Shutter: Copal Square, B, 1, 2, 4, 8, 15, 30, 60, 125, 250, 500 \& 1000
Finder: Pentaprism eye-level viewfinder. Focusing is done with micro diaprisms in the center of viewfinder. Full Size and Half Frame marks and Metering Needle visible in the viewfinder.
Exposure Adjustment: Fully automatic EE mechanism with highly sensitive CdS meter. Aperture scale on the lens barrel used for manual operation.
CdS Meter: Reflected light type with intake angle of $26^{\circ}$ (vertical) and $34^{\circ}$ (horizontal). Powered by a 1.3 V mercury battery with battery checker.
Electric Eye: Coupled to EV2-EV18 at ASA 100. Film speed scale ranges from ASA 12 to ASA 800 (DIN 12 DIN 30).
Filter: (Standard Lenses) 55 mm diameter, screw-in.
Other Features: Automatic resetting film counter; single-stroke cocking lever, quick return mirror; full flash synch at $M$ setting with $M$ flash bulbs, up to $1 / 125$ with electronic flash at X setting.

## Dimensions \& Weight:

With $\mathrm{f} / 1.8145 .5(\mathrm{~W}) \times 94.5(\mathrm{H}) \times 88.5 \mathrm{~mm}$ (Thick); 910 grs. With $\mathrm{f} / 1.4145 .5(\mathrm{~W}) \times 94.5(\mathrm{H}) \times 89.5 \mathrm{~mm}$ (Thick); 990 grs .

Note: KONICA AUTO-REFLEX P-the features are the same with those of AUTO-REFLEX but CdS lightmeter is not built in.

Konica Filters: Common to $52 \mathrm{~mm}, 55 \mathrm{~mm}, 58 \mathrm{~mm}$ \& 67 mm $\begin{array}{lllllllllll}Y_{1} & Y_{2} & Y_{3} & O_{1} & R_{1} & \text { PO UV Skylight } & A_{2} & B_{2} & B_{8} & B_{12}\end{array}$ $\begin{array}{llll}N D_{2} & N D_{4} & N D_{8}\end{array}$

HEXANON
Interchangeable Lenses

| Wide Angle | Min. Dis. | Angle of View | Filter | Hood |
| :---: | :---: | :---: | :---: | :---: |
| F4/21mm Auto | 30 cm (1f) | $90^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 58 \mathrm{~mm} \end{aligned}$ |  |
| F3.5/28mm Preset | 30 cm (1f) | $73^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 58 \mathrm{~mm} \end{aligned}$ | Slip-on <br> 60 mm |
| F2.8/35mm Auto | 30 cm (1f) | $63^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \text { Slip-on } \\ & 57 \mathrm{~mm} \end{aligned}$ |
| F2.8/35mm Preset | 30 cm (1f) | $63^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \text { Slip.on } \\ & 57 \mathrm{~mm} \end{aligned}$ |
| Standard |  |  |  |  |
| F1.8/52mm Auto | $45 \mathrm{~cm}(1.5 \mathrm{f})$ | $45^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ |
| F1.4/57mm Auto | 45 cm (1.5f) | $42^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ | Screw-in $55 \mathrm{~mm}$ |
| Telephoto |  |  |  |  |
| F3.5/135mm Auto | 1.5 m (5f) | $18^{\circ}$ | Screw-in 55 mm | Screw-in 55 mm |
| F3.5/135mm Preset | 1.5 m (5f) | $18^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \text { Screw-in } \\ & 55 \mathrm{~mm} \end{aligned}$ |
| F3.5/200mm Preset | 2.5 m (8f) | $12^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 67 \mathrm{~mm} \end{aligned}$ | Screw-in <br> 67 mm |
| F4.5/400mm Manual, Click | 8.0 m (25f) | $6^{\circ}$ | $\begin{aligned} & \text { Behind-L } \\ & 55 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \text { Screw-in } \\ & 95 \mathrm{~mm} \end{aligned}$ |
| F8/800mm Manual, Click | 20m (70f) | $3^{\circ}$ | $\begin{aligned} & \text { Behind-L } \\ & 55 \mathrm{~mm} \end{aligned}$ | Attached Take-out |
| F8/1000mm <br> Light Adustment with ND Filter | 30m (90f) | $25^{\circ}$ | $\begin{aligned} & \text { Beenind-L } \\ & 55 \mathrm{~mm} \end{aligned}$ | Attached Take-out |
| zoom |  |  |  |  |
| F3.5/47-100mm Auto | 2.0 m (7f) | $37^{\circ}-17^{\circ}$ | $\begin{aligned} & \text { Screw-in } \\ & 52 \mathrm{~mm} \end{aligned}$ | Screw-in 54 mm |

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