



Olympus
Pen **EE** 

Olympus
Pen **EE**  *S*

Congratulations on purchasing your Olympus Pen-EE/Pen-EES. You have chosen the easiest handling model of the famous Olympus Pen series. Always carry your Olympus Pen-EE/Pen-EES with you for constant enjoyment of photography

Pen EE (EL)



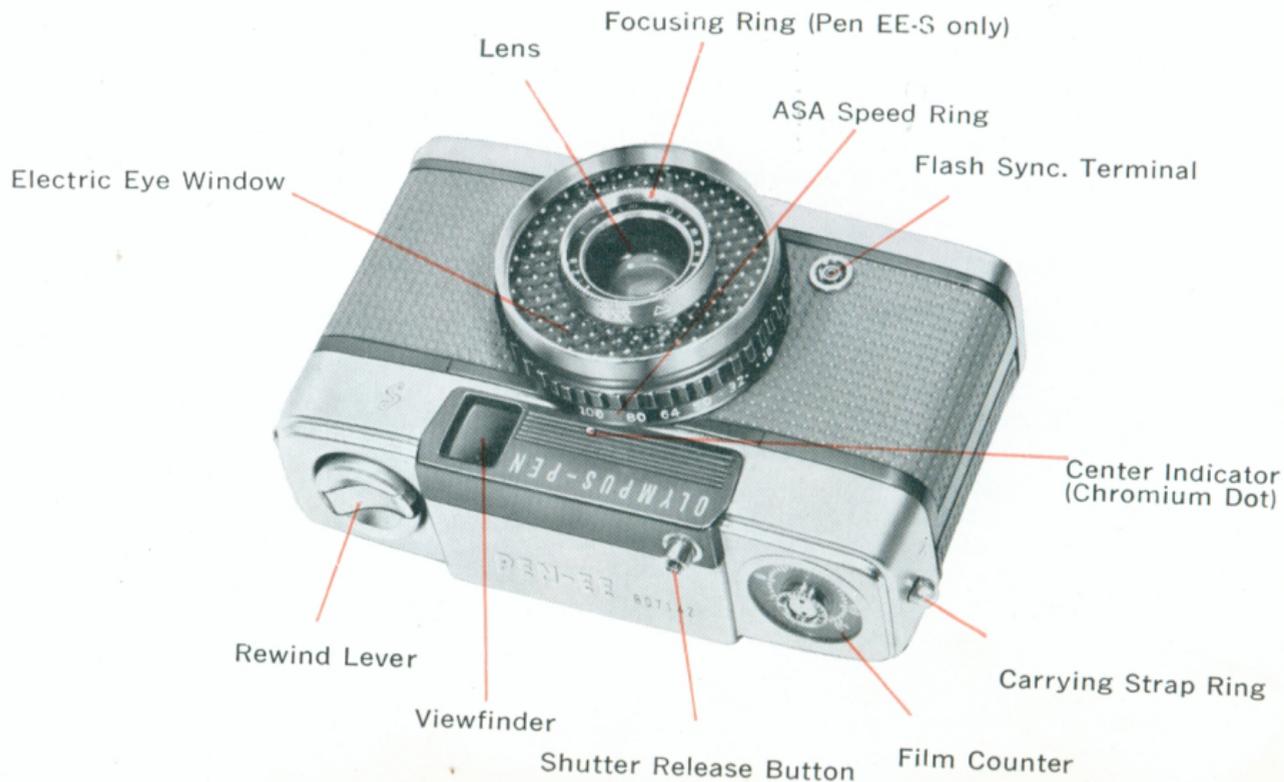
Pen EES (EL)

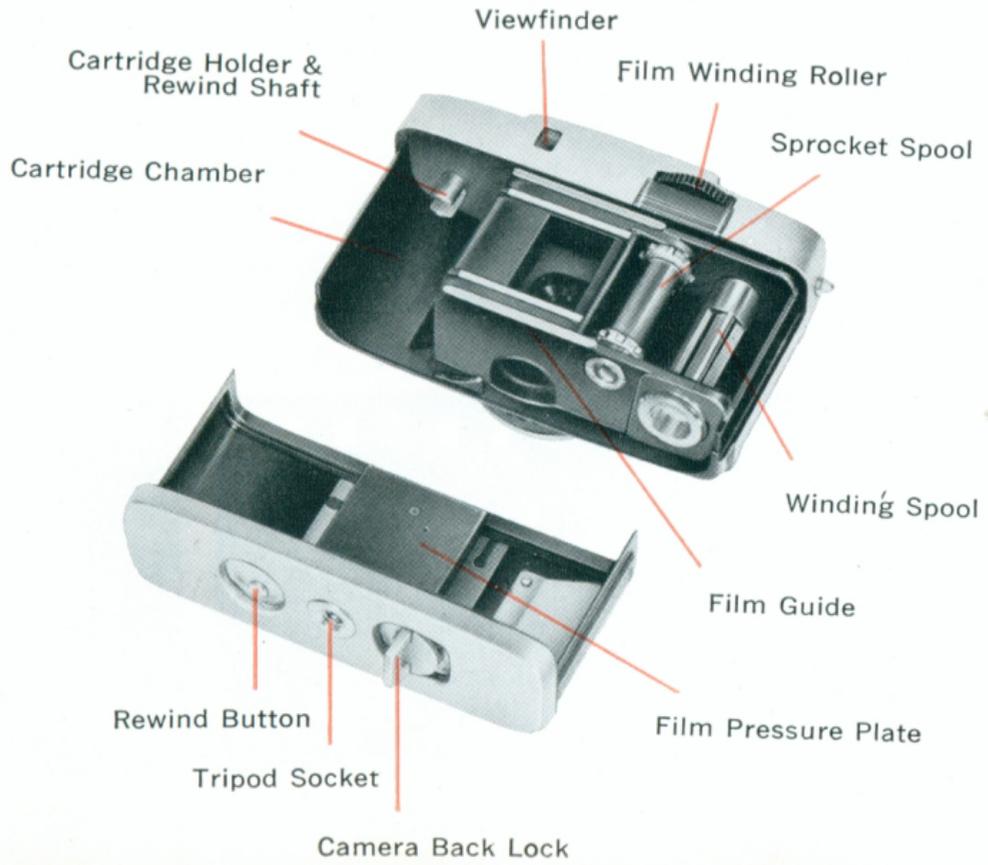


Main Features

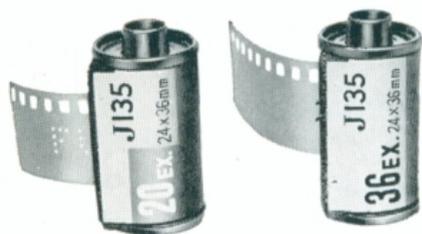
- Lens :** Pen EE : D Zuiko f/3.5 (4 element), 28 mm
Pen EES: D Zuiko f/2.8 (4 element), 30 mm
- Lens Opening :** Pen EE : Automatic: Diaphragm automatically moves from f/3.5 to f/22
Manual : For flash photography, from f/3.5 to f/22
Pen EES: Automatic: Diaphragm automatically moves from f/2.8 to f/22
Manual : For flash photography, from f/2.8 to f/22
- Shutter :** Programme system: Auto 1/40 sec. or 1/200 sec.
Manual 1/40 sec. X contact
Self shutter release button locking system for inadequate light.
- ASA Setting :** ASA film speed settings are click stops at the ratings of 10, (16), (25), 32, (40), 50, 64, 80, 100, 160 and 200
- Exposure Meter :** Built-in Electric Eye Meter
Pen EE : Light Value from 8.5 to 17 (ASA 100)
Pen EES: Light Value from 8 to 17 (ASA 100)
- Focusing :** Pen EE : Fixed focusing lens system
Pen EES: Zone focusing lens system (3-position setting)
- Viewfinder :** Luminous Bright Frame Finder has magnification of 0.5x
- Film loading :** EL (Easy loading) system.
- Film Winding :** One motion thumb wind at camera rear.
- Film Rewind :** Fold down rewind crank type lever.
- Dimensions :** Pen EE : 108×66×42 mm (4 1/4×2 1/2×1 1/4")
Pen EES: 108×66×47 mm (4 1/4×2 1/2×1 3/4")
- Weight :** Pen EE : 350 gr. (12 1/2 ounces)
Pen EES: 400 gr. (14 ounces)

Identification of the Parts





Film Size:

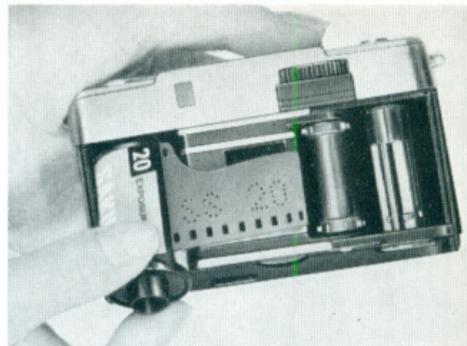
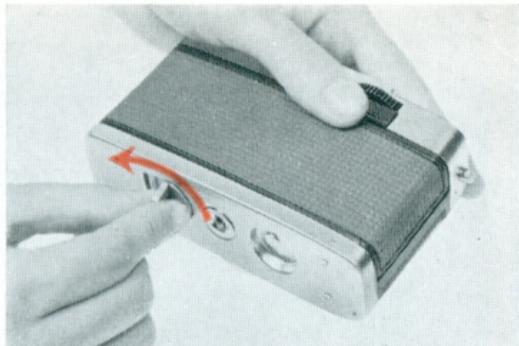


The Pen EE and/or Pen EES accepts any regular 35 mm film, color or black and white. No special film is necessary. The Pen EE and/or Pen EES takes the identical films that any 35 mm camera takes.

The pictures are "Pen" size ($15/16 \times 11/16$ inches), half of the 35 mm film size ($13/8 \times 17/8$ inches). This size is very economical, especially for colored slides, because 72 pictures can be taken on a roll of 36 and 40 on a roll of 20.



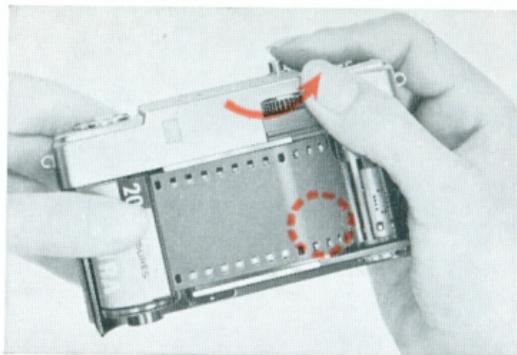
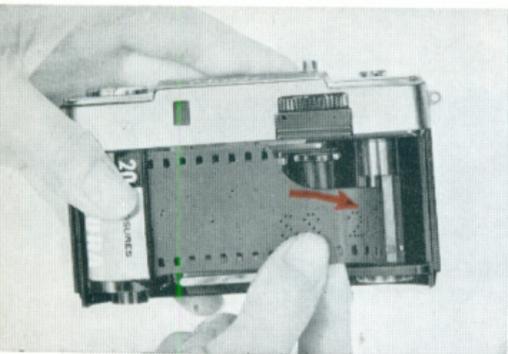
Film Loading:



1 Set the ASA ring to one of the Yellow Number for manual operation.

2 Flip up the lock at the camera base. Turn it in the direction of the arrow that is a counter clockwise. Then hold the camera body with the left hand, the camera back with the right hand, and gently slide out the camera back in the direction of the arrow.

3 Place the film cartridge in the cartridge chamber holding the camera body with the left hand, being sure that the cartridge holder fits snugly within the top of cartridge.



4 Slip the end of the new film into one of the six slots on the Winding Spool with right hand.

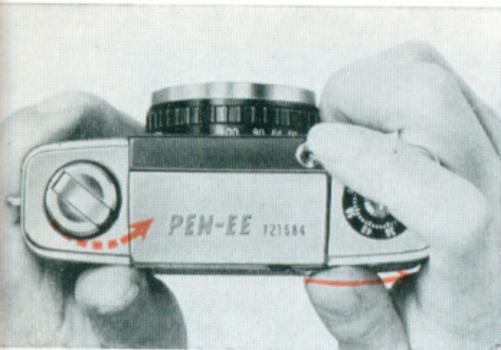
5 Be sure the sprockets on the sprocket spool engage the perforations on the both sides of the film, winding the film on to the winding spool.

NOTE:

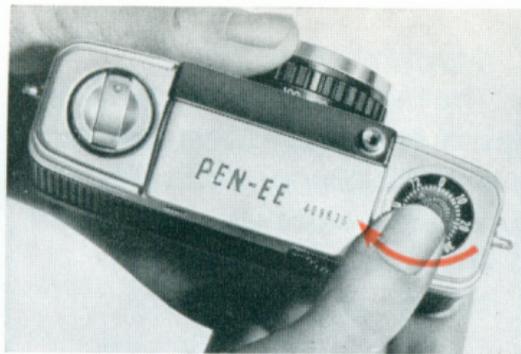
When insert a film end into one of the slots so deep, the film end may run out from the opposite slot.

Even in that case, continue to advance the film.

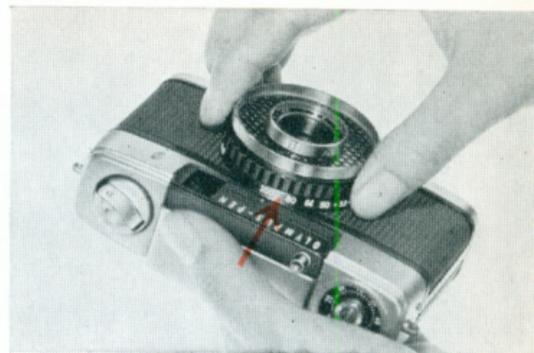
6 Replace the camera back and lock it securely after making sure that the film is placed between the upper and lower film guide rails.



7 Wind the film once and release the shutter button for trial shot. During this wind, the rewind lever will move in the same direction the film is moving. This is normal, and shows proper loading. Wind and expose the film two more times. Whenever you wind the film, be sure you wind it all the way. Never wind it half way or part way, but all the way.



8 After the 3 trial shots, set the film counter. Place your thumb on the either 72 or 40. If you are using a 36 exposure roll, set the triangle to point to 72. If you are using a 20 exposure roll, set to point to 40. From that point on, the COUNTER SHOWS YOU HOW MANY PICTURES YOU CAN STILL TAKE BEFORE THE FILM IS ALL USED UP. If the pointer points to 27, for example, that means you can still take 27 more pictures on that roll of film.



9 Set the ASA number on the camera dial (WHITE numbers) so that the film ASA number is opposite the chromium dot.

Distance Scale:



Olympus Pen EE

The Pen EE has fixed focus lens system and so eliminates any focusing. Just you press the release button and nothing else is necessary. Attach the close-up lens for taking a close-up picture from 0.75 m to 1.5 m (2.5 feet-5 feet).



Olympus Pen EES

The Pen EES has focusing ring marked with three symbols.



...For portraits. Click stop represents 1.2 m (4 ft.). Beyond this mark, the ring stops at 0.9 m which is the closest distance setting.

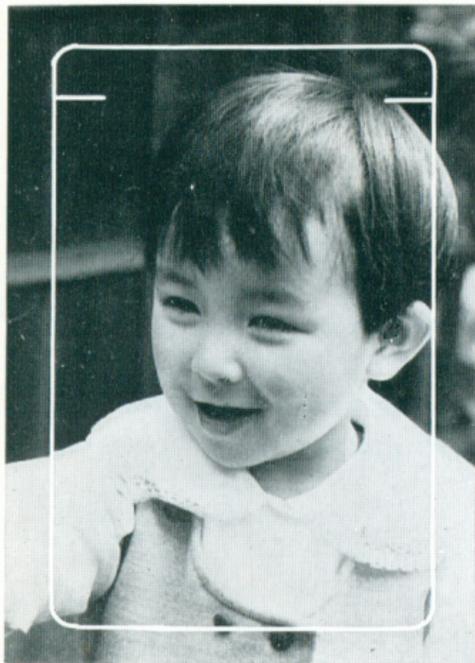


...For group pictures and snap shots. Click stop represents 3 m (10 ft.). When taking general pictures, best results are obtained by setting the focusing ring to this mark.



...For landscape photography. Click stop represents 15 m (50 ft.). Beyond this mark, the focusing ring stops at the infinity point.

View Finder:



You can see a white frame around the view-finder field. When taking a picture, make sure that your subject is inside the frame-enclosed area as much as possible. The Pen EE and or Pen EES finder is so constructed that regardless of the position of your eye, the subject will be centered.

NOTE to the owner of Olympus Pen EES.

There are two short lines projecting over the upper part of the framed area. When setting the distance to the portrait mark () or a shorter range, make certain that your subject occupies the area under the lines.

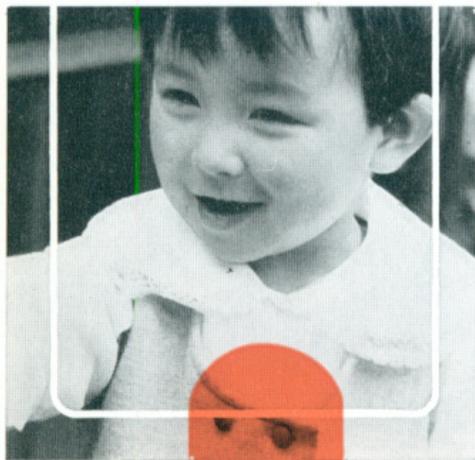
Automatic Electric Eye:



An ultra-sensitive built-in electric eye surrounds the lens. This electric eye sets the f/stop and proper shutter speed automatically for a perfect exposure regardless of the light conditions.

When your subject is too dim, the shutter does not work even if you press the shutter button, and a red warning mark appears in the viewfinder. In such a case, use a flashgun.

On the other hand, when your subject is too bright, the red warning mark also appears. In that event, use a filter (Y2 or ND4X) to reduce the amount of light entering the lens and the exposure meter.



← Red Warning Mark

Automatic Shutter Speed:

Unlike conventional cameras, the Pen EE and/or Pen EES has no manual shutter setting device. You don't have to operate any such mechanism because the camera adjusts the shutter speed by itself for you. The camera has two shutter speeds 1/40 sec. and 1/200 sec. The two speeds are used by automatic selection depending on lighting conditions; for example, the former is used indoors or under dim situations and the latter outdoors or under bright situations. Also turn the diaphragm ring off the Yellow number and set it to any number on the diaphragm scale; then the shutter works at a speed of 1/40 sec. (See the section on flash photography appearing on page 15)

Lightness	Dim ←		→ Bright						
1/40 sec.	F2.8	F3.5	F4	F5.6	F8				
1/200 sec.				F4	F5.6	F8	F11	F16	F22

Range where 1/40sec. works. Range where 1/200sec. works.

At this point, the shutter speed changes automatically

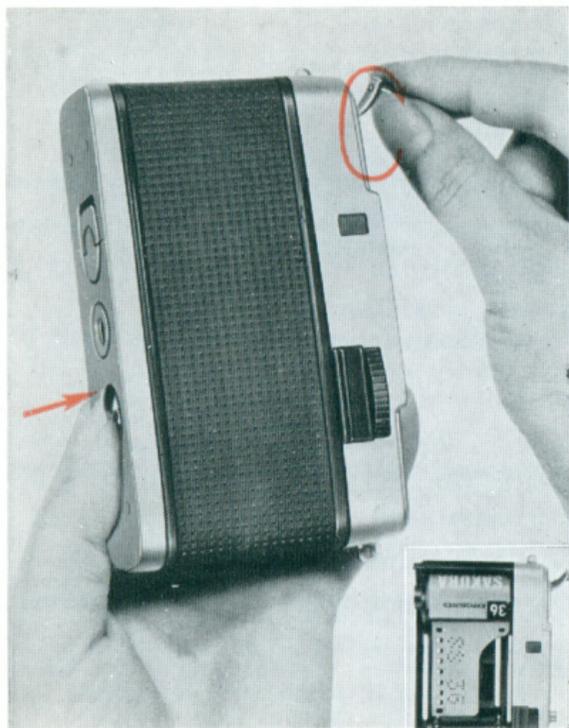
Camera Holding:

To make a perfect Picture

- 1) Hold the camera firmly against your face.
- 2) Spread your feet apart so you will not sway back and forth, or side to side.
- 3) Be sure your fingers do not cover the lens, the viewfinder, or the electric eye.
- 4) Hold your breath as you press the shutter release button.
- 5) Use a UV filter to shut out ultraviolet rays. (The filter can be used to protect the lens also.)



Film Rewinding:



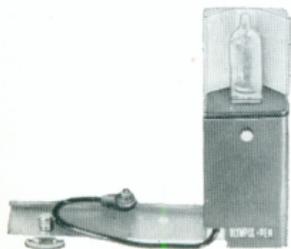
Flip up the rewind lever,. Press down and HOLD the rewind button at the base of the camera body. SLOWLY turn the rewind crank in the direction of the arrow. You will feel a tension, which shows that the film is being rewound into the cartridge. At the rate of about 1 complete turn per second, turn the rewind crank until you feel the tension suddenly disappear. Then turn the rewind crank a few more times, and the film can be removed from the camera. If you turn the rewind crank too quickly in any camera; the friction of the film against the pressure plate cause tiny bits of dust to settle on the film.

Accessories:



Flash photography

When photographing dim subjects, use the PEN Flash equipment. The flash bulbs include AG-1 and AG-3, both of the MF type, and AG-1B and AG-3B for color photography. The PEN Flash exposure table states the relationship between film speed, distance and diaphragm. Set diaphragm opening to one of yellow numbers on the diaphragm ring of the camera. (The shutter speed is 1/40 sec.)



Pen Flash 2



Flash Bracket

PEN FLASH 2

- * Open the bracket and fix the Pen EE and/or Pen EES on it with the screw.
- * Connect the cord with flash synchronization Terminal.
- * Select the diaphragm opening using the Pen Flash exposure table attached on the rear side.



FILTER

Use a 43.5mm screw-in type or 45mm slip-on type filter. ASA setting adjustment is not necessary for using 43.5mm or 45mm Y2 filters since these cover the whole Electric Eye. UV or Skylight filter, either of which no ASA setting adjustment is necessary, is recommended for clear pictures.

Filter types and characteristics:

- UV - Eliminates undesirable ultra-violet rays and gives clear pictures. Also usable constantly for lens protection. (For black-and-white film).
- Y2 - Accentuates contrasts, for example, by darkening a blue sky and bringing white clouds into relief, and produces three-dimensional effects. (For black-and-white film).
- 1A - (skylight) - Like UV, eliminates stray ultra-violet rays and prevents pictures from assuming a bluish tone. Usable for lens protection.
- 81C - (for cloudy weather) - Designed for colour photography, prevents a bluish tone from entering pictures taken under cloudy or rainy weather.
- 82C - (for morning and evening) - Designed for colour photography, prevents a yellow-reddish tone from entering pictures taken during morning or evening hours when red rays abound.

ATTACHMENT LENS



CASE



COLOUR SLIDE

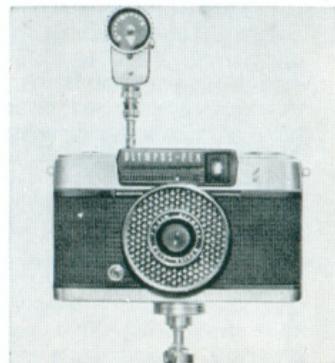
A handy projector with a wide-angle lens and designed for projecting large picture at short projector-to-screen distances. Not only half size colour film but standard 35mm slides may be shown with this projector.

- Pen slide projector
- Blower (Cooler)
- Auto changer
- Film-strip adapter
- Pen slide mount

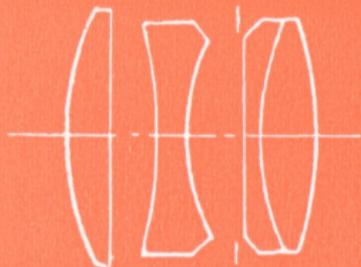


SELF TIMER

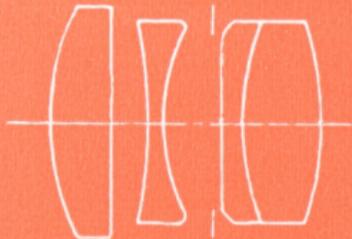
As illustrated you can use an attachable self-timer which is available in any camera store.



Zuiko Lens



D Zuiko F3.5 f=28mm



D Zuiko F2.8 f=30mm

Advantages of the D. Zuiko Wide Angle Lens

One of the major reasons for taking pictures is to record life as it exists. The camera lens is like our eyes. We want to put on film what our eyes see. Our eyes can look at a newspaper, or a person across the table, or three miles away, and they will all be sharp to us. If something very close and very far sharp to us at the same time—like our eyes see things—it is called great “depth of field”. Our eyes have a great depth of field. The lenses found on the most ordinary cameras do NOT have a great depth of field. But the D. ZUIKO lens on the Olympus Pen has one of the greatest depth of fields in existence. To prove this, make a photograph of a near object, a middle object and a far-away object in the same picture. The Olympus Pen will get them ALL sharp at the same time, JUST AS OUR EYES WOULD SEE IT.

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