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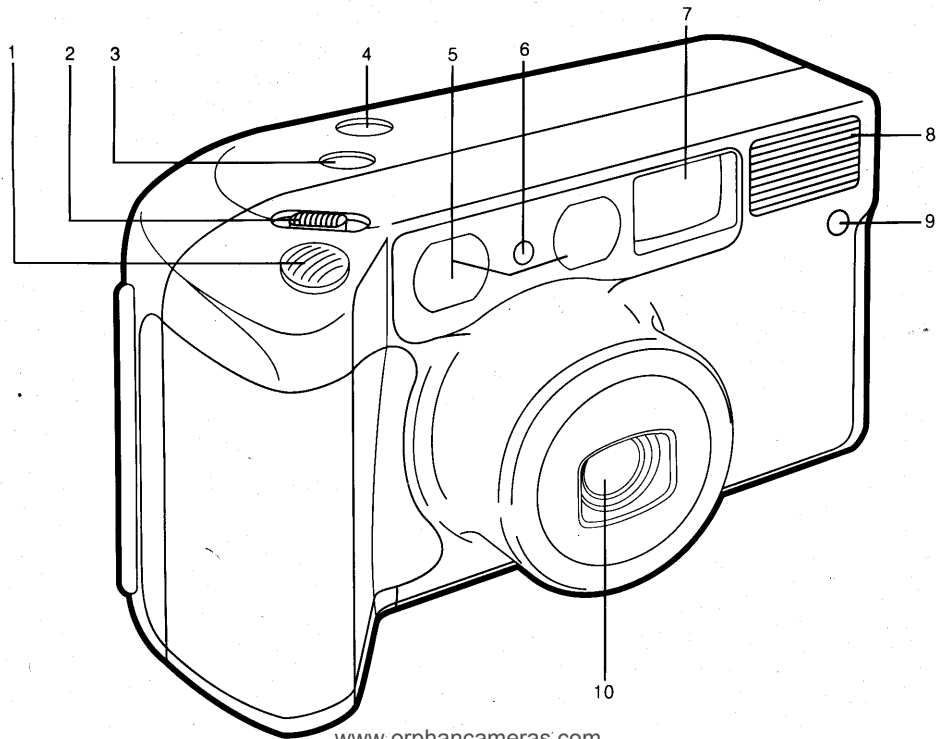
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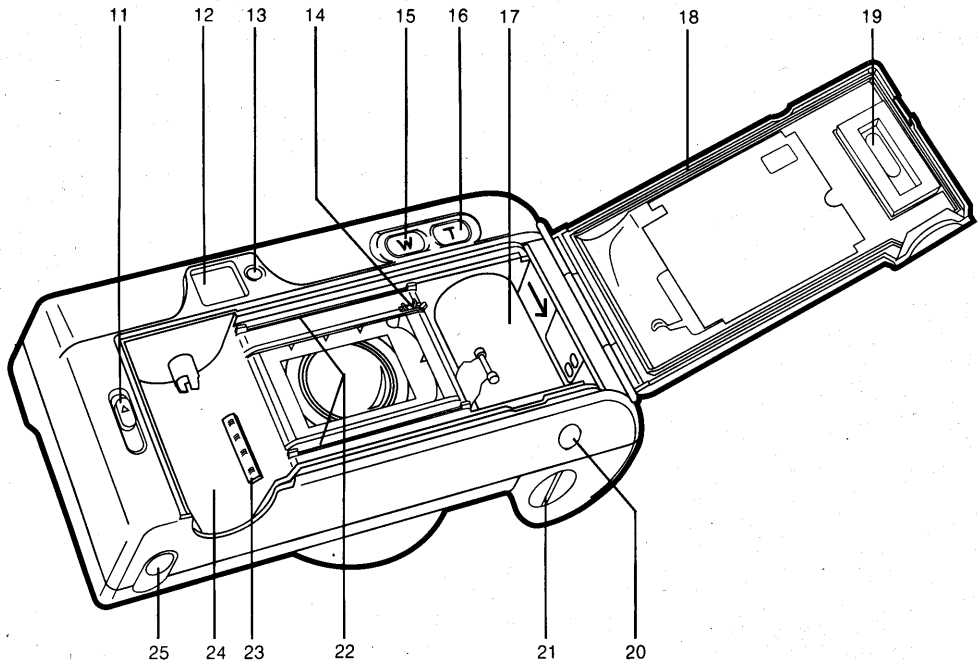
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# Vivitar Series

# 11





## Identification of Parts

1. Shutter Release Button
2. Main Switch
3. Frame Counter
4. Self-Timer Button
5. Infrared Auto Focus System
6. Exposure Sensor
7. Viewfinder Window
8. Electronic Flash
9. Self-Timer Lamp
10. Zoom Lens (38mm-60mm)
11. Back Cover Latch
12. Viewfinder Eyepiece
13. Green LED
14. Film Sprocket
15. Zoom-Wide Button
16. Zoom-Tele Button
17. Film Take-up Spool
18. Back Cover
19. Film Information Window
20. Rewind Button
21. Battery Compartment Cover
22. Film Guide Rails
23. DX Decoding Contacts
24. Film Chamber
25. Tripod Socket

### 1. Install Batteries

1. Insert a coin into the groove on the Battery Compartment Cover. Turn counter-clockwise to remove the cover.
2. Insert two AA size alkaline batteries with the correct positive (+) and negative (—) polarity as indicated by the printed diagram inside the battery compartment.
3. Replace the cover and fasten by using a coin. Make sure cover is completely closed (groove aligned with 'closed' dot on camera base). Otherwise there will be no power to camera.

## **2. Replace batteries:**

When green LED does not light even if Shutter Release Button is depressed halfway for over 10 seconds.

NOTE:

The shutter release will lock when the batteries are weak.

## **3. The Film Speed Is Set Automatically**

Use a 35mm film with DX coding (ISO 50 — 1600). The film sensitivity is set automatically.

NOTE:

If the film is not provided with a DX code, the film speed is set at ISO 100. Also, ISO 25-40 films would be set to ISO 100.

## **4. Loading the film**

1. Open the Back Cover in the direction of the arrow.
2. Put the film cartridge in the direction shown.
3. Pull the film leader across; align it with the yellow film illustration and set it in the film guides.
4. Close the Back Cover until it clicks. After closing the Back Cover, the film is advanced to first frame automatically.

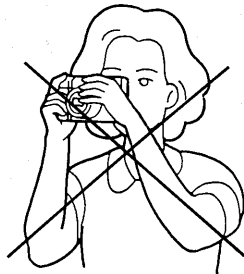
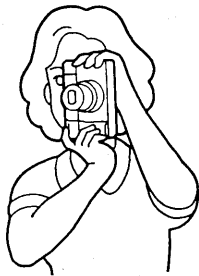
NOTE:

Avoid exposure to direct sunlight when loading the film. If the Film Counter does not advance, repeat steps 4.1 through 4.4. The counter will only work with film properly loaded.

## 5. Holding Your Camera

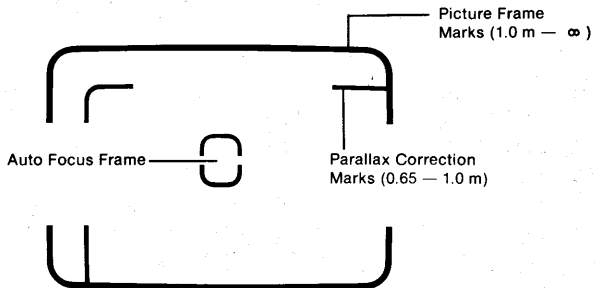
Be careful not to cover the Infrared Auto Focus System and the Exposure Sensor. After the lens has been zoomed to give the desired composition, support the camera firmly before shooting in order to prevent camera shake.

In vertical position, hold the camera so that the flash is uppermost.



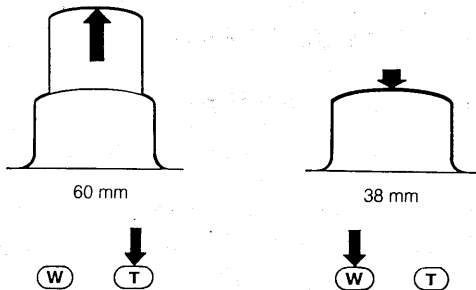
## 6. Viewfinder

Looking through the viewfinder eyepiece, compose your picture so that the Focusing Frame in the center of the bright frame covers your main subject. The camera will automatically focus on whatever subject the Focusing Frame covers.



## 7. Zooming the Lens

1. Press the Zoom-Tele or Zoom-Wide Button. Stop at a desired composition and release the shutter.
2. The lens returns to its original (wide) position when you switch off the Main Switch.



## 8. Macro Mode

By setting the Main Switch to Macro position, you can take photographs in the range 0.65 - 1.0 m.

## **9. Taking Pictures**

### **1. Auto Mode Photography**

This is for photography in normal conditions. The camera will flash automatically in low light.

1. Open the lens cover by sliding the Main Switch to "On". Press the zoom buttons to determine the composition.

#### **NOTE:**

When the camera is not in use, switch off the Main Switch to prevent accidental exposures.

2. Press the Shutter Release Button halfway. When the green LED glows, depress the Shutter Button further to take the picture. In low light, the flash operates automatically. When the green LED does not light, it means that the flash is not fully charged. Wait for a while, and press the Shutter Release Button halfway again. When the green LED lights up, it means the camera is ready to take a picture. When the green LED blinks, it means that the subject is too close. Move back slightly and try again.

#### **NOTE:**

When the green LED does not light, the shutter cannot be released.

### **2. Macro Mode Photography**

1. Set the Main Switch to "Macro" position.

#### **NOTE:**

The lens will be set at Tele position and the photo distance becomes 0.65 m — 1.0 m.

2. Press the Shutter Release Button halfway. When the green LED glows, depress the Shutter Button further to take the picture. In low light, the flash operates automatically. When the

green LED does not light, it means that the flash is not fully charged. Wait for a while, and press the Shutter Release Button halfway again. When the green LED lights up, it means the camera is ready to take a picture.

When the green LED blinks, it means "out of photo distance" (either too far or too close). Move to appropriate position and try again.

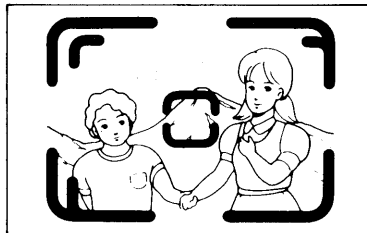
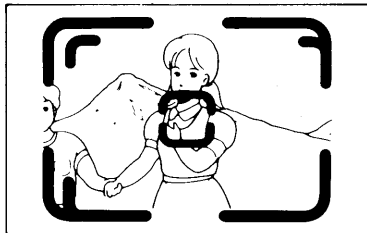
NOTE:

When the green LED does not light, the shutter cannot be released.

### 3. Prefocusing (Focus Lock)

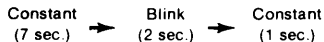
Place the desired subject to be focused within the Auto Focus Frame and press the Shutter Release Button halfway to light up the green lamp. In this state, select the composition, and press the Shutter Release Button fully.

The focus lock can be cancelled by releasing the button.



#### 4. Self-Timer Photography

The Self-Timer will delay release of the shutter by approximately ten seconds. It is activated by depressing the Self-Timer Button. The Self-Timer LED will glow as described below.



#### 5. Rewinding the Film

The film automatically rewinds after the last picture is taken. When it is rewound completely, the motor stops. Take out the film.

To rewind before the film is completely used, press the Manual Rewind Button at the bottom of the camera.

**NOTE:**

Do not open the Back Cover while the camera is rewinding the film.

## TROUBLE SHOOTING GUIDE

Description	Solution
Subject out of focus	If the subject is not located in the center of the viewfinder, use prefocusing. See Section 9.3. Subjects must be 3.3 feet (1.0 m) or more from the camera.
Flash pictures are dark overall	Make certain your hand is clear of the flash. (Have subject watch for this.) Check subject is in flash range.
Flash pictures are too light	Place subjects at least 3.3 feet (1.0 m) from the flash. Make sure focusing frame covers main subject.
Subject's eyes reflect red	Increase room light if possible. Have subject(s) look slightly away from flash towards room light.
No power	Check that Battery Compartment Cover is fully closed. See Section 1. Batteries too weak. Replace.
Lens won't zoom	Make sure Main Switch not set accidentally to Macro at switch-on.

## **SPECIFICATIONS**

**Type:** 35mm lens shutter camera with built-in flash, power zoom lens, and auto focus

**Film Format:** 24mm x 36mm (135 film magazine)

**Lens:** 38-60mm zoom lens, f/4.5-f/6.7 (6 elements in 6 groups)

**Focus:** Auto focus

**Focus Range:** Normal—3.3 ft (1 m) to infinity

Macro—2.1 ft (0.65 m) to 3.3 ft (1 m)

**Shutter:** Programmed electronic shutter

**Self-Timer:** Electronic, approx. 10 sec. (LED indicator), cancellation possible after setting

**Viewfinder:** Albada-type bright-frame finder with zoom.

	38mm	60 mm
Field of view	82%	82%
Magnification	0.32x	0.51x

### **Viewfinder Indications:**

Picture frame marks, macro frame marks, focusing frame

### **Viewfinder LED:**

Steady green LED: Ready for shooting

Blinking green LED: Near or far distance (at Macro mode) warning

**Film Speed (ISO) Setting:** DX automatic settings (50, 100, 200, 400, 1000, 1600)

**Film Loading:** Automatic system with film information window (by simply closing back cover, film automatically advances to first frame)

**Film Advance:** Automatic winding

**Film Rewinding:** Automatic with film-end detection system (mid-reel winding also possible). Automatic stop when rewind is completed

**Built-In Flash:** Automatic switchover flash with instant pre-charge system. (Light distribution varies automatically according to zoom lens position.)

**Flash Operating Range (ISO 100):**

38mm: 1 m — 3.8 m

60mm: 1 m — 3.0 m

Macro: 0.65 m — 1 m

**Recycling Time:** Approx. 5 sec.

**Battery Life (24 exposures with fresh AA alkaline batteries):** Approx. 10 rolls (using flash for approx. 50% of shots)

**Power Source:** 2 AA alkaline batteries (not supplied). NiCad and manganese batteries cannot be used.

**Dimensions:** 134 (W) x 59 (D) x 73 (H) mm

**Weight:** Approximately 280 g without batteries

Specifications subject to change without notice.