

# MINOLTA VECTIS S-1

## 1996



Serial Nr.95611147  
Minolta Code 2101-451

### Characteristics and functions

The Vectis S-1 is an IX-240 (Advanced Photo System) type reflex camera for use with IX-240 type APS magazine film. The structure is IPX2 waterproofed according to the ICE standard. With integrated autofocus (AF) and automatic exposure (AE) systems. Automatic, motorized film transport and recovery. The lens attachment, a Minolta "V" type bayonet, is made of plastic material with 8 electrical contacts for integrated lens-camera control. The MINOLTA TTL autofocus system is phase detection with a "Predictive" type CCD in-line

sensor. The focus area is enlarged, shooting is at focus priority. The working range is from 1 to 19EV (with ISO 200 film). The AF-flash illuminator has a range of 1 to 5m. Manual focus (MF) is possible. Measurement without flash: on a honeycomb pattern in 14 segments. Spot metering with central element only. Flash metering: direct TTL in 4 segments. The sensitivity of the honeycomb pattern ranges from 3 to 21 EV with f/3.5 and 200 ISO film. In spot metering it is instead of 6-21EV with f/3.5 and 200 ISO film. The focal plane shutter is electronically controlled and is cross-vertical sliding with exposure times from 1/2000" to 30" and bulb. Flash sync is at 1/125" or longer (1/45" with wireless flash). There is a built-in pop-up automatic flash, with TTL reading with guide number 14 at ISO 200. In mode P, the following settings are possible: automatic flash, manual activation, intentional deactivation of the flash. In A, S, M modes, manual flash activation and intentional flash off are possible. The TTL optical relay type reflex viewfinder with a field of view of 95% of the area actually framed and 0.8x magnification. It is equipped with optical adjustment to compensate for any user ametropia from -4.00 to + 2.00 diopters. The diopter adjustment control is located on the left side of the camera in the immediate vicinity of the viewfinder. Built-in anti-fatigue system. The focus frame and circle for spot metering are visible in the center of the ground glass in the viewfinder. In the lower part, outside the frosted glass, you can see: Flash light indicator, [MF] symbol for set manual focus, signals, focus rings, shutter speed, compensation indication [+/-], set aperture / value compensation and spot metering symbol. The admitted film sensitivities range from ISO 25 to 6400 with automatic setting; from 6 to 6400 iso. with manual setting. To set the desired value, in 1/3 increments, simultaneously press the [+/-] and [SPOT] buttons located below the display and turn the large circular selector located at the bottom of the back. Automatic exposure: (AE) programmed [P]. The shutter speed and aperture of the lens are set by the camera fully automatically. 5 program settings are available: Portrait Program, Landscape / Night Scenario Program, Close Distance Program, Night Portrait Program, Sports Action Program. To select one of the 5 programs, turn the selector (P) located at the far right of the back upwards (upper white point) and move the triangular reference on the display under the icon of the desired program by repeatedly pressing the [MODE] button. If you want to return to the basic P function, press the (P) button in the center of the selector. Automatic exposure: (AE) with shutter speed priority [S]. It is possible to set any shutter speed between 1/2000" and 30", in whole values, the camera sets the aperture according to the possibilities of the lens. Move the selector (P) located at the far right of the back towards the white point at the bottom where it coincides with the settings A, S, M; press the [MODE] button until S appears on the display. At this point, rotate the large circular selector control located in the lower part of the back until the desired shutter speed appears on the display. Automatic exposure: aperture-priority (AE) [A]. It is possible to choose apertures in half values and the camera sets shutter speeds between 1/2000" and 30" without interruption. Move the selector (P) with the white point at the bottom where it coincides with the settings A, S, M; press the [MODE] button until A appears on the display. At this point, rotate the large circular selector control located in the lower part of the back until the desired aperture appears on the display.

Manual exposure [M] is possible by selecting a manual time / aperture pair with the exposure meter active. Move the selector (P) with the white point at the bottom where it coincides with the settings A, S, M; press the [MODE] button until M appears in the display. Rotate the large circular selector control located at the bottom until the desired shutter speed appears on the display. To set the desired aperture, press the [+/-] button and rotate the large circular dial located in the lower part of the back until the desired aperture appears on the display. Aperture settings are selectable by 1/2 value. Compensation of exposure. By pressing the [+/-] button, the display shows 0.0; rotate the large circular selector located in the lower part of the back and the digits on the display vary from +3 to -3 in increments and decreases of 1/2 value Spot reading: with any setting by pressing the [SPOT] button on the back. Only the central segment of the 14 that make up the honeycomb sensor will be activated and the reading will be performed only on the area framed by the circle placed inside the AF area visible in the viewfinder. The shutter button has a dual function: pressed halfway activates the exposure meter and locks the focus, fully pressed triggers the shutter. It is located in an advanced position on the top of the camera at the front handle. On the right side of the camera there is the selector for choosing the size of the photographs: the selector can be oriented (refers to the white point) towards [C] - aspect ratio 4:3 (prints 10x15cm.); [H] format with identical ratio to the 24x36mm format. of the film model 135 (prints 10x18cm.); [P] panoramic format that provides 10x24cm prints. The hot shoe, protected by a sliding cover towards the rear of the camera is located on the right on the top, is used for the use of a dedicated VECTIS SF-1 external flash or for the 5400HS and 3500xi Program flashes and also the Macro flash 1200AF-N. The optional power supply unit: AA BP-S1 (uses 4 1.5v AA batteries). Optional CG-S1 steel protection cage. The shoulder strap rings are located on the right side of the camera, one at the top, the other at the bottom. The lens release button is located on the front side to the left of the lens port and is an elongated horizontal black plastic shape. The red reference point for the correct insertion of the lens into the optics port is located on the latter and is visible only with the lens detached. The lens is inserted and locked after a clockwise rotation of 54°. The ignition control [ON / OFF] is located on the dose just below the eyepiece and is for cyclic use. The opening control of the door for the fall of the magazine inside the camera ("Drop-in" system) is located just below the eyepiece and is blue. The film door is located on the left side of the camera. The door remains locked when the film is out of the magazine in the use position. It is possible to intentionally recover the film by pressing the button located in a protective groove located on the back in the lower left part near the appropriate symbol. It is possible to use the supplied eyepiece cap using it from the lower part where there is a black plastic crescent. All information and settings are highlighted in the liquid crystal display. Flash settings, single or continuous exposure, subject program indicators, wireless flash indicator (WL), remote control indication, self-timer, P, A, S, M settings, iso indicator, battery efficiency indicator, shutter speed indication, film speed, number of copies to print, aperture, exposure compensation, date / time / title, manual focus indicator [M.FOCUS], date symbol [DATE], title symbol [TITLE], print symbol [PRINT], custom print function symbol [FTPM], magazine inserted symbol and photo counter. The additional commands: are contained inside an elongated black plastic door positioned under the [FILM]> [+/-] buttons; it flips down by levering into the recess located

on the far left and there are, in order, the buttons for: 1) self-timer, remote control, single / continuous shooting; 2) date button; 3) titles button; 4) FTPM button and number of copies; 5) selector button; 6) button for anti-red eye flash function. Power is ensured by two 3-volt CR2 lithium batteries. The battery compartment is located on the bottom of the Vectis S-1 at the handle. The compartment opens by turning the lid to the OPEN position using the crescent-shaped accessory located in the eyepiece cap. The lid remains hinged towards the front. The steel tripod mount is located on the back of the camera in a central position. Titan or Black camera finish.

Weight 365g. batteries excluded.

Dimensions: Length 126.5mm. Height 76.5mm. Depth 63.5mm.

