



# Inspection Camera PCE-VE 200SV1



**PCE-VE 200SV1 Inspection camera for nondestructive machine diagnostics / Side view camera / Camera head diameter: 9 mm (0.4 in) / 3.5" LC display / 2600-mAh battery / Cable length 1 m (3.3 ft) / Card slot for micro SD card**

The PCE-VE 200SV1 is a nondestructive inspection camera. Thus, the PCE-VE 200SV1 is the ideal tool for diagnosing hard to reach areas. For example, the areas of mechanical engineering, plumbing and heating, and the entire construction and construction industry are among the main uses of the PCE-VE 200SV1. Also, the PCE-VE 200SV1 is suitable for use in the automotive industry. The fact that it has a camera tube of one meter in length, it is possible to use the PCE-VE 200SV1 so that in many cases disassembly of machines or motors is not necessary. Conversely, this means a time and money savings.

On the camera head of the PCE-VE 200SV1 are bright LEDs, which can be controlled and adjusted by the user on the device. The LEDs have different levels of brightness, allowing for optimal illumination at the point of interest. It can not lead to over exposure, which would cause the image shown on the screen no longer recognizable, because the camera of the PCE-VE 200SV1 is dazzled. In addition to the lighting, there is also the function of a digital enlargement for the current image section. Here you have the 2-fold, 3-fold or 4-fold magnification level available. The recorded pictures and videos are automatically saved to the micro SD card. This means that you can later read and document the images from the PCE-VE 200SV1.

- ▶ 9 mm / 0.4 in cable diameter
- ▶ 3.5" display
- ▶ Brightness adjustable on the camera head
- ▶ 2600-mAh battery
- ▶ Cable length 1 m / 3.3 ft
- ▶ SD card slot for Micro SD card

Subject to change

# Specifications

Display	3.5" LCD
Resolution videofunction	AVI (640x480)
Resolution picturefunction	JPEG (1600x1200)
Image rotation	180° rotation and mirrorfunction
Freeze function	Yes
Zoom	Up to 4 times
Storage medium	Micro SD card
menu languages	English
	German
	Spanish
	French
	Russian
	Japanese
	Simplified Chinese
	Traditional Chinese
Interfaces	Micro USB 2.0, TV out, Micro SD cardslot
TV output	PAL
Power supply	Li-ion battery
Battery Capacity	2600-mAh
Operating conditions	-10 ... 40°C / -10 ... 104°F, rel. Humidity<75%

## Technical specification of the PCE-VE200SV1 (borescope cable)

Cable diameter	9 mm / 0.4 in
Image sensor	1/8" CMOS chip
Resolution camera	640 x 480 pixels
Lighting the camera	4 LEDs on the front, 2 LEDs on the side
Field of view / angle of view	90°
Brightness control	Manually
Sight depth	15 ... 100 mm / 0.6 ... 3.9 in, front camera; 3-50 mm / 0.1... 2 in side camera
Length of camera tube	1 m / 3.3 ft
Push cable	Malleable, soft metal

## Ambient conditions of the PCE-VE200SV1

Operating temperature	Probe	In air: -10 ... 50°C / 14 ... 122°F
		In water: 5 ... 50°C / 41 ... 122°F
Main unit		In the air: -10 ... 50°C / 14 ... 122°F
Relative humidity	Probe and main unit	15 ... 90%
Fluid resistance	Probe and main unit	Machine oil, light oil or saline 5%
Protection against intrusion	Probe	Water, oil and dust, according to protection class IP67
Main unit		Rain in wind (battery compartment must be closed) Not under water

Subject to change