



Industrial Borescope PCE-VE 200



PCE-VE 200 Industrial Borescope

Small diameter (ø 4.5 mm) industrial endoscopic video inspection camera with 1 m / 3.28 ft long cable provides excellent image quality at an affordable price

PCE-VE 200 is an industrial borescope, inspection camera or endoscope for the non-destructive evaluation (NDE) of engines, machines and more. This industrial borescope provides excellent image quality at an affordable price. An ideal tool for diagnosing issues in hard-to-reach places, the waterproof camera head features 6 LED lights with adjustable intensity for optimal illumination. In addition, digital image magnification or zoom of up to 4 times is available.

The borescope stores the recorded images and videos directly to a micro SD card memory. The 1 m / 3.28' cable length and 4.5 mm / 0.18" diameter allow the video inspection camera unique access to view the insides of walls, pipes, vents, ducts, engines and machinery, thus eliminating the need for costly and time-consuming dismantling. Mechanical engineering, manufacturing, automotive, aviation, construction, plumbing and heating, ventilation, air conditioning and refrigeration (HVACR) professionals alike find this video inspection camera useful in a variety of applications.

Not for medical use

- ▶ Waterproof camera head (IP67 protection class)
- ▶ **4.5 mm / 0.18 in diameter, semi-rigid**
- ▶ 1 m / 3.28 ft cable length
- ▶ 180° image rotation
- ▶ 3.5" LCD display
- ▶ CMOS chip image sensor
- ▶ 1600 x 1200 pixels JPEG image / 640 x 480 pixels AVI video resolution
- ▶ Micro SD card memory
- ▶ Micro USB 2.0 and TV outputs

Subject to change

Specifications

Technical Specification

Display	3.5" LCD
Resolution video function	AVI (640 x 480)
Resolution image function	JPEG (1600 x 1200)
Image rotation	180° rotation and mirror function
Freeze function	yes
Zoom	up to 4-times
Storage medium	Micro SD card
Menu languages	German
	English
	Spanish
	French
	Russian
	Japanese
	simplified Chinese traditional Chinese
Interfaces	Micro USB 2.0, TV-output, Micro SD card slot
TV-output	PAL
Power supply	Li-Ion battery
Battery capacity	2600 mAh
Operating conditions	-10 ... +40 °C / 14 ... 104 °F, rel. humidity <75 %

Technical Specification of Video Borescope PCE-VE200 (Borescope cable)

Cable diameter	4.5 mm / 0.17"
Image sensor	1/8" CMOS chip
Resolution camera	640 x 480 pixel
Camera lighting	6 white LEDs (intensity can be set)
Field of view / angle of view	90 °
Field of view depth	15 ... 100 mm / 0.59 ... 3.94"
Length of camera hose	1 m / 3ft 3"
Pushcable	semi-flexible (semi-rigid spiral)

Environmental conditions of Video Borescope PCE-VE200

Operating temperature	Probe	In air: -10 ... +50 °C / 14 ... 122 °F
		In water: +5 ... +50 °C / 41 ... 122 °F
Main unit		In 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 cooking salt solution 5 %
Protection against penetration	Probe	Water, oil and dust, according to protection class IP67
Main unit		Rain and wind (battery compartment must be closed), not under water

More information

Manual



Datasheet



Video



Application Video



More product info



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