

Industrial Borescope PCE-VE 100N4



4-way industrial borescope with photo and video recording / 1280 x 720 pixels / 360° swivel / 6 mm (0.23") diameter / 1 meter (3 ft 2") cable length / LED lighting / Micro-SD card memory / Transport case / Battery life >3 hours / IP 67

The 4-way industrial borescope with a cable length of one meter and a camera head diameter of 6 mm is the ideal tool for endoscopy. The LED illuminance on the camera head can be set in 5 steps up to 25,000 lux. This ensures that the test item is adequately illuminated. With the mini-HDMI interface on the 4-way videoscope, the image can be transmitted to an external monitor or projector. This has the particular advantage that the 4-way videoscope can be used for presentations. Thus, the 4-way videoscope is used in car workshops, heating and air conditioning technology, or vocational schools, universities and other educational facilities.

Photos as well as videos can be recorded with the 4-way industrial borescope. The recordings are saved directly on the Micro SD card and can be viewed on the 4-way videoscope. It is also possible to transfer the recordings from the Micro SD card to a computer. This means that the recordings from the 4-way videoscope can be stored in expert reports, for example.

The 3500 mAh battery enables an operating time of more than 3 hours before it has to be recharged. To recharge the battery, the 4-way videoscope can be connected to any 5 V USB interface.

- ▶ 4-way camera head
- ▶ Rechargeable via USB interface
- ▶ 3.5" display
- ▶ Operating time of more than 3 hours
- ▶ Mini-HDMI interface for image output
- ▶ Braided tungsten tube with a length of 1 m / 3 ft 2"

Specifications

Camera diameter	6 mm / 0.23"
Cable length	1 m / 3 ft 2"
Camera pixels	1,000,000
Depth of field	7 ... 110 mm / 0.27 ... 4.33"
Field of view	120°
Swivel range	360°
Illuminance	can be set in five levels up to 25,000 lx
Cable material	Tungsten braided
Bending radius	>220°
Display	3.5" IPS
Display resolution	640 x 480
Photo and video format	JPG / MP4
Photo and video resolution	960 x 720, 1280 x 720
Magnification	5-times
Protection class	camera cable: IP67 display: IP65
Memory	16 GB Micro-SD card
Battery power supply	1 x 3.7 V 3200 mAh 18650 battery
Power consumption	3.5 W
Operating time	>3 hours
Mains power supply	primary: 100 ... 240 V AC, 50 ... 60 Hz, 0.35 A secondary: 5 V DC, 2 A
Interfaces	Mini-HDMI (image transmission) Micro-USB connector (charging port)
Storage conditions	-10 ... +63 °C / 14 ... 145 °F, <92 % RH, non-condensing
Operating conditions display*	-10 ... +50 °C / 14 ... 122 °F, <92 % RH, non-condensing
Operating conditions camera*	-10 ... +80 °C / 14 ... 176 °F, <92 % RH, non-condensing
 *at temperatures below 0 °C / 32 °F the display must be preheated and the camera head must not be swivelled completely	
Dimensions	277 x 106 x 92 mm / 10.9 x 4.1 x 3.6"
Weight	ca. 500 g / 17.6 oz

Subject to change