

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 |

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