

Control Industrial Video scopes

General information about Motor Control Industrial Video scopes With 10 Meters Tubes AD-V2132

Long Insert tube

The length of insert tube can be customized, up to 2 meters, 120° bending angle. This technology breakthrough is fully used in the inspection of pipeline, header and heavy equipment. Super illumination and wide viewing angle. Rear-mounted LED light, Optic fiber light guiding; the illumination is up to 100,000Lx. Good performance for dark and harsh environment.

Real-time video output

With TV-out port, it can connect with PC and achieve remote video output.

Excellent quality

Double tungsten alloy braided insert tube of 4 layers

Wear resistance: 20 times better than steel wire insert tube

flexibility: 4 times better than other materials

Waterproof and wear-resistant

Pass a large number of harsh environment testing: -25~85 degrees working environment

Waterproof and dustproof: insert tube IP67; 1.2 meter fall resistance



Wear-resistant probe and laser welding process

- Titanium alloy probe case, the wear resistance is 100 times that of ordinary stainless steel probe.
- Sapphire protective lens, the intensity is 8 times that of quartz lens and 20 times that of stellite lens.
- On the part of insert tube probe, we used 21-point laser welding process, which has more strict requirements for the producing precision.
- This precise process ensures E5 series borescopes own powerful guiding function.

Low energy cost and long-lasting work time

- rechargeable batteries, low power consumption design, saving 30% power.
- Working time : 4.5 hours

Easy operation

- Intelligent guidance menu
- The intelligent guidance menu is simple and clear. Easy operation for rookies.
- It supports 7 languages, including Chinese, English, Russian, etc.

Light and handy

- Complete accessories and long working time
- The total weight (with battery) is only 1.45Kg.
- It is also equipped with leather bag, safe and portable for different inspection environment.
- The packaging case is fall-resistant, light and portable.
- Users can easily put it into luggage rack in the aircraft, train, etc.
- With a design of low power consumption, a set of rechargeable lithium batteries of E5 series can work at least 4 hours.
- It is equipped another
- set of batteries to support long time inspection work.



Technical Specification of the device:

- Angle of Field:70°
- Depth of Field:10~80mm/5mm~∞/45mm~∞ (optional)
- Light Type:Rear-mounted LED (≥3w hour)
- Illumination:100,000lx at a maximum, adjustable
- Intensity Adjustment:Manual, six levels
- White Balance:Auto white balance
- LCD Monitor:Highlight 5.0” LCD screen
- Language:Chinese,English and other five languages
- Photo/Video:JPG image,AVI video
- Memory:standard :8G SD card, max 32G
- Data I / O port:USB port, TV out video signal output, support display
- Connection
- Insert Tube Length:2.0m
- Bending Angle:≥160°
- Insert Tube Material:quadruple-wall braided tubes of Tungsten alloy wire
- Construction Material:Dropping-resisting alloy outer case
- Camera Material:Titanium alloy
- Protecting Device of Durability:Protecting device joint the host and wear
- resisting tube , length: ≥120mm
- Control panel:Setting、 playback、 photo/video、 rotary sensibility of probe
- intensity adjustment
- Flashlight:Supportable lighting for dark room
- Waterproof:IP67:Probe,objective lens (official inspection report available)
- Working Time:≥3 hours
- Host Weight:≤1.5kg (with batteries)
- Power Supply:Rechargeable lithium battery
- Voltage:DC12V, 1A maximum current
- Warranty:12 months, life - long maintenance

Operating Environment:

- Host System Operating Temperature:-10 ° C ~ 50 ° C, the LCD screen to be
- preheated below 0° C
- Video Probe Temperature:-20 ° C ~ 70 ° C, 0 ° C the following should be reduced steering operations
- Storage Temperature:-20°C~60°C
- Relative Humidity:Up to 90%, non-condensing

