

# ATVISION

Series of Multifunctional Videoscopes



5 Inches  
IPS



Multi-  
Functional



Multi-  
Compatible



360°  
Articulation



HD  
Image



Wireless  
Transmission



Long  
Endurance

**ATVISION** series of multifunctional videoscope offers impeccable video quality for inaccessible areas in tubes, pipes, bores, engines, castings, etc. It has a flexible probe with high-definition 360° articulating camera at tip with ceramic based light source for necessary illumination.

ATVISION ensures detection of surface discontinuities, like cracks, deposits, corrosion, wear & tear, etc. It plays vital role in detection of inner surface discontinuities and monitoring the assets integrity in HVAC, chemical, oil & gas industries. It also serves automotive, aerospace industries for inspection of hard to reach areas.



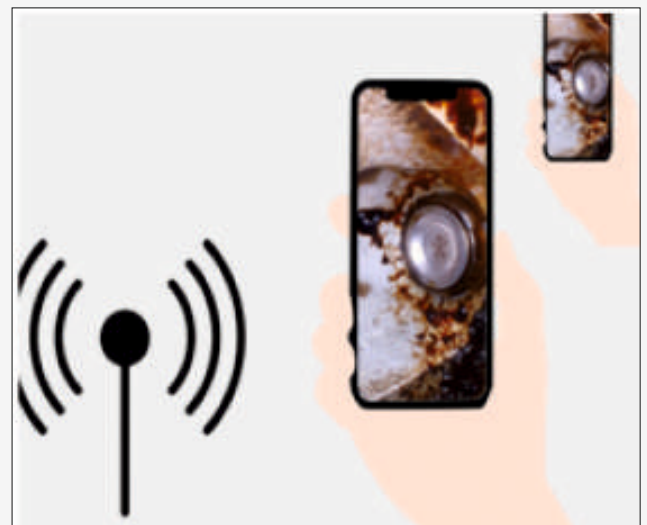
**5-inch full-viewing angle HD display for true image reproduction**



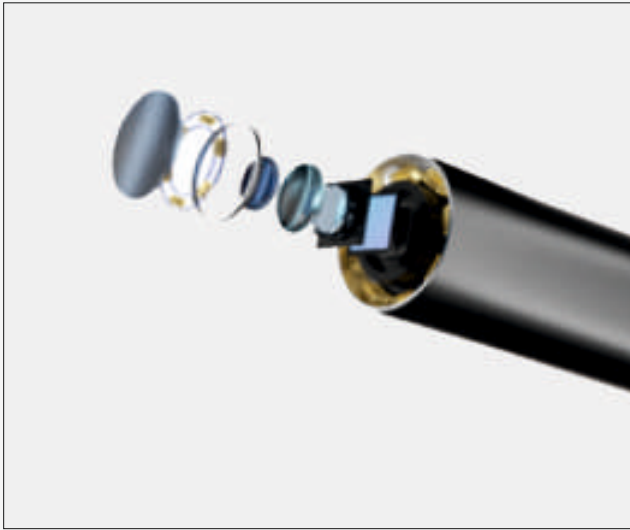
**360° articulation, 180° bending observe any hidden place**



**Temperature real-time display, high temperature alarm function (optional)**



**Wi Fi wireless transmission for multiple observers**



1080P/720P HD pixels + high brightness light source  
= better detection of defects in dark areas



Tap to take photo/long press to record,  
date watermark traceability



Regular 1 battery + optional 1 battery =  
long battery life 8 hours



Lightweight and portable, no pressure for  
long time use

**Order Part Nos:**

**ATVISION-XX-YY-Z**

XX	Camera Dia (mm)
38	3.8
60	6.0

YY	Cable length(m)
10-50	1-5(step of 1)
10-100	1-10(step of 1)

Z	Viewing
F/S	Forward/ Side
F/S/D	Forward/ Side/ Dual

## Tube System

### Technical Specifications:

Probe Diameter(mm)	: $\Phi$ 3.8 or 6.0mm
Tube Length	: 3.8mm (1, 2, 3, 4, 5meter), 6.0mm (1, 2, 3, 4, 5,6,7,8,9,10meter)
Camera Pixels	: 1 mega pixels / 2 mega pixels
Image Resolution	: 720P / 1080P
Video Resolution	: 720P / 1080P
DOF	: 10mm-100mm
FOV	: 90° / 120°
Viewing Direction	: Front view / side view / dual view
Light Source	: Front high bright ceramic light source / rear fibre optic cold light source
Brightness Levels	: 0-5 level cyclic adjustment
Protecting Device of Durability	: 80mm buffer protection device between tube and handle
Articulation	: 360° omni-directional bending
Bending Angle	: Max:190°
Display	: 5" color IPS display
Auto-off Switch	: The device can be set to switch off automatically after 3, 5 or 10

## Monitor System

### Technical Specifications:

Photo/Video Function	: One button to take photos & videos & support the playback of photos & videos
Photo/Video Format	: JPG / MOV
Image Rotate	: 0° / 180° / mirror image
Zoom In/Out	: 5X
Freeze	: Fast freeze of images with one click
Image Setting	: Brightness, contrast ratio, sharpness adjustment
Date Watermark	: Turn it on to postmark the date directly into photos and videos
Date Setting	: Edit to adjust the device date
Wireless Image Transmission	: Wireless access to device video data via a mobile terminal app
Temperature Indication (optional)	: Temperature real-time display, high temperature alarm
Compatibility	: Hand-held integrated design, pull-out compatible for replacement of insertion tube systems of different diameters / lengths / orientations
Data Port	: HDMI, video output, Type-C
Weight	: $\leq$ 0.75kg ( including batteries )
Work Time	: Real-time power display, continuous working time $\geq$ 4h
Dual power supply (optional)	: Dual power supply, endurance $\geq$ 8 hours
IP Level	: Monitor: IP54, Probe: IP68
Applicable Temperature	: -30°C~50°C
Standard Configuration	: Videoscope with Carry Case, 16GB TF Card, Card Reader, Battery Charger, USB Cable, Carry Case, COC & Operational Manual.

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