



Inspection technology for better future

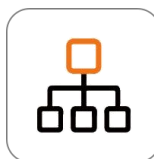
Pmax Series Multifunctional Videoscope



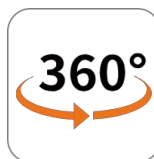
5" IPS Color
Display



Multi-
Functional



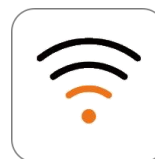
Multi-
Compatible



360°
Articulation



HD
Image



Wireless
Transmission



Long working
time

Functional Characteristics



HD picture quality

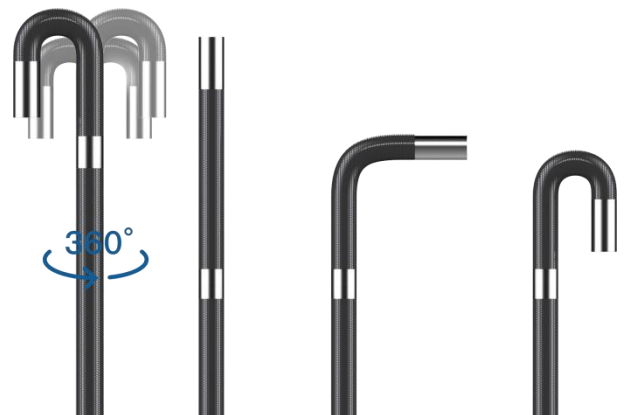
True reproduction of defects

1080P/720P pixel camera with high brightness light source for clear.

Clear view of the inspected object in dark, small or difficult to observe spaces.



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



360° universal steering 180° bend,
observe any hidden place



temperature real-time display,
high temperature alarm function



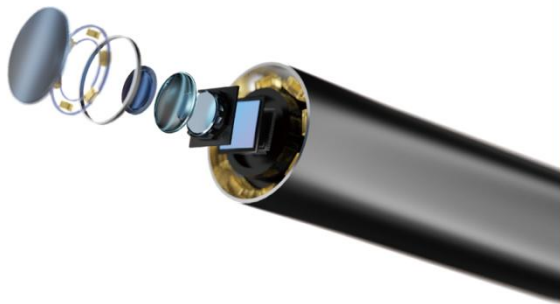
WiFi wireless transmission
for multiple observers

Functional Characteristics



Modular design

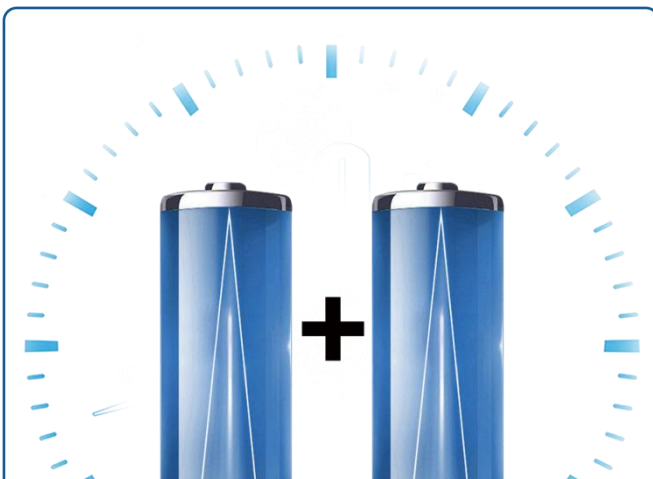
The host system and pipeline system can be plugged and separated, compatible with a variety of specifications of the pipeline system, support to customize different pipeline lengths, pipeline thickness, product features, in order to meet the needs of different applications.



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



Long battery life: ≥ 6 hours



lightweight and portable,
no pressure for long time use

Technical Parameter

Tube System	Probe Diameter(mm)	Φ1.8/Φ2.8/Φ3.8/Φ6.0
	Camera Pixels	160,000 pixels / 300,000 pixels / 1,000,000 pixels / 2,000,000 pixels
	Image Resolution	400*400 / 640*480 / 1280*720 / 1920*1080
	Video Resolution	400*400 / 640*480 / 1280*720 / 1920*1080
	DOF	10mm-100mm
	FOV	90° / 120°
	Viewing Direction	front view / side view
	Light Source	front high bright ceramic light source / rear fiber optic cold light source
	Brightness Levels	0-9 level cyclic adjustment
	Tube Length	1.5m /3.0m (customized for other length)
	Tube material	Movement of wear -resistant tungsten alloy wire
	Protecting Device of Durability	80mm buffer protection device between tube and handle
	Articulation	360° omni-directional bending
	Bending Angle	max:190°
Monitor System	Display	5" color IPS display
	Screen brightness	the screen brightness is adjustable
	Photo/Video Function.	one button to take photos and videos and support the playback of photos and videos
	Photo/Video Format	JPG / MP4
	Picture modes	standard (default), black and white, warm light, cold light, negative film
	Image Rotate	0° / 180° / mirror image
	Image resolution	customizable image resolution: 1x / 2x / 3x
	Zoom In/Out	4X
	Image Setting	brightness, contrast, and gamma adjustment
	Scale	set the benchmark reference ruler for real - time image preview: circle, cross, and rectangle
	Freeze	fast freeze of images with one click
	Date Watermark	turn it on to postmark the date directly into photos and videos
	Date Setting	edit to adjust the device date
	Wireless Transmission (WiFi)	wireless access to device video data via a mobile terminal app
	Temperature Indication	temperature real-time display, high temperature alarm
	Recording function (optional)	record audio in real - time
	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	≤0.75kg (including batteries)
	Work Time	real-time power display, continuous working time ≥ 6h (under normal temperature conditions)
	Dual power supply (optional))	Dual power supply, endurance ≥ 8 hours
	IP Level	Monitor: IP54, Probe: IP68
	Applicable Temperature (whole machine)	-30°C~50°C
Accessories	Standard Configuration	instrument case: 1pc / videoscope: 1 set / card reader: 1 pc / 16G TF card: 1pc / charger: 1pc / USB cable: 1pc / user manual: 1 set / certification: 1 set