

TIV-1 Series videoscope comes with large 5.0 inch HD high resolution display and add infrared temperature measurement function advanced technology & comprehensive functions. The images are delicate and clear, and the probe of different specifications can be quickly replaced. The inserted pipes are waterproof, oil resistant and wear-resistant. They have powerful software functions and can be applied to various projects. They are mainly used in automobile manufacturing, aerospace, precision casting, railway ships, pressure vessels, electric power, petrochemical and pipelines welding, logistics, national defense, military police, and other internal visual inspection scenes, is a video endoscope that can meet your various environmental needs.

### FEATURES

- 5 inch industrial LCD screen
- Accurate temperature measurement function
- Tungsten wire precision braid
- Bidirectional 360 ° articulation
- IP67 Waterproof and oil proof
- Dedicated rechargeable lithium battery pack



### HOST TECHNICAL SPEC

Display	5 inch industrial LCD screen
Output port	HDMI video output, Micro USB, TF card slot
Storage	32G
Power	Rechargeable lithium battery pack
IP Grade	IP54
Working temperature	-10°C~50°C
Storage temperature	-20°C~60°C
Relative humidity	Max 95%, No condensation
Operation method	Button navigation, dual camera and video buttons
Support Function	With freeze, zoom, photo, flip, video playback, analog ruler functions
File Format	Image:JPEG (JPG), Video:AVI
Battery Life	≥4 Hours
Weight	3.9kg
Dimension	47.9 x 38.7 x 15.5 cm

### CAMERA TECHNICAL SPEC

Lens View	Direct view
FOV	120°
Pixels	1 MP
Camera Length	13±0.5mm
Camera Dia	16.5mm
Probe Length	1 M
Probe Dia	6 mm
Material	Flexible (tungsten braided tube)
Articulation	360° four way articulation
Bend angle( $\alpha$ )	160°±10°
IP grade	IP67
Temperature Measurement	-20°C ~ 150°C
Temperature measurement function	Center point temperature measurement
Temperature measurement accuracy	-20-0°C : ±7°C 0-35°C : ±5°C 35-150°C: ±3°C or ±3%
Emissivity	Fixed 0.95
Working Temperature	-20°C~70°C
Standard Accessories	Host, Battery, Shockproof Case, Memory Card 32G, Card Reader, Tripod, HDMI Cable, Charger, User Manual

