



G Pro Series

**Videoscope
Pipe inspection Camera
NDT Product**

G Pro Series

Multifunctional HD Industrial Videoscope



Brief

G Pro series HD videoscope is the latest multifunctional and cost-effective product. Adopting advanced design concepts to achieve multiple ergonomic highlights: easy to change for a variety of handles to expand product usability; rear ambient light illumination to solve the problem of using live light; host base and strap help release hands for easier operation; equipped with HD detection lens make it easy to use.

Features

- High-resolution 5-inch LCD display for smooth, realistic, clear and stable dynamic /static picture.
- The camera shell is made of titanium alloy, and the multiple layer tungsten wire braiding test line is more anti-corrosion and wear-resistant.
- Can be quickly inserted and removed to replace different diameters of white light, ultraviolet, etc. 2.4mm/4mm/6mm/8mm Infrared probes.
- High-brightness LED illumination, rear-mounted high-power fiber optic illumination (optional).
- Front-end LED optimized lighting system design, 5 levels adjustable illumination; rear-end high-brightness LED auxiliary lighting.
- 720P high-definition pixels, the length of the hard part of the lens can be customized 10mm.
- Quick-plug high-capacity lithium battery.
- Mechanical joystick control, 360° rotation, flexible and labor-saving operation, improve work efficiency.
- Rotary fine-tuning step damping for easy and precise stay at the best viewing position.
- With useful functions such as WIFI transmission, built-in speaker, temperature sensing, anti-shake when take photo , real-time image rotation, renaming, text annotations, and more.
- White balance, AGC, exposure, image mode, screen brightness, screen contrast, and screen ratio are adjustable.

The Main Components



Replaceable cable



Rotary fine-tuning step damping



HDMI interface



Auxiliary light source

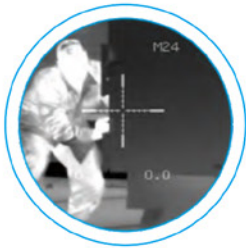
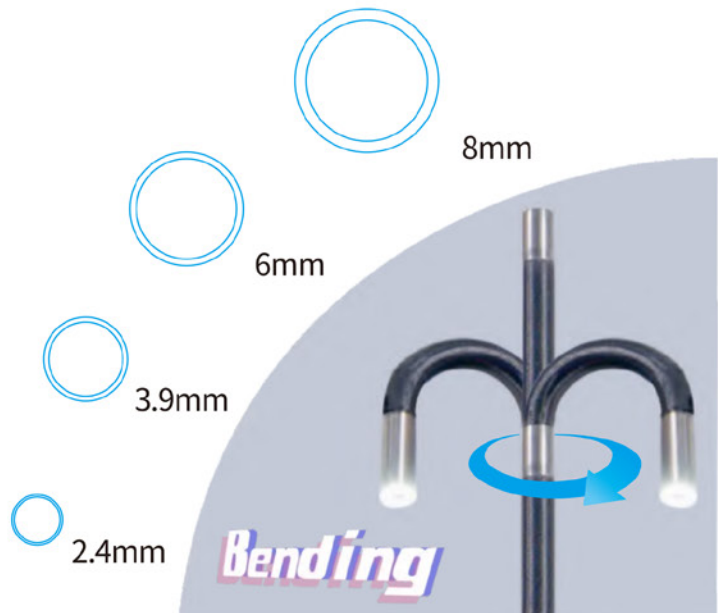
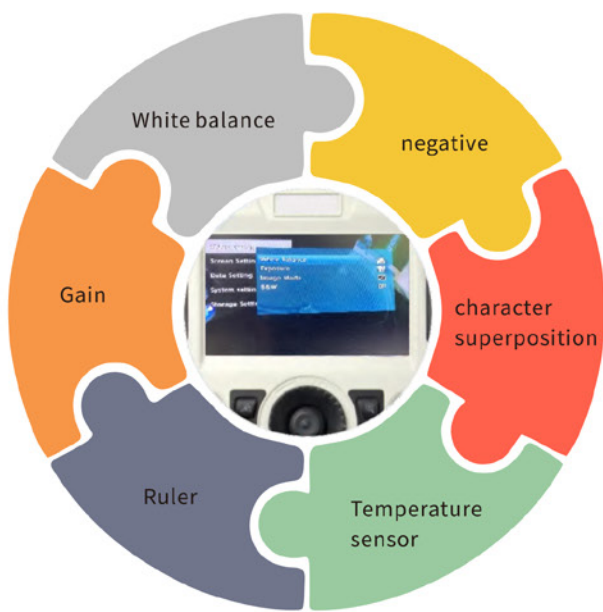


Replaceable battery

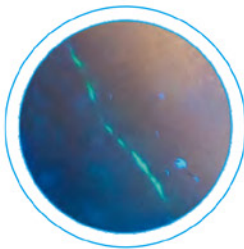


Base

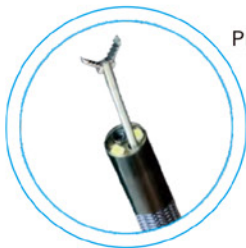
Main functions



Infrared optical fiber probe



UV optical fiber probe



Probe grabbing tool



2 million HD probe



interchangeable camera probe

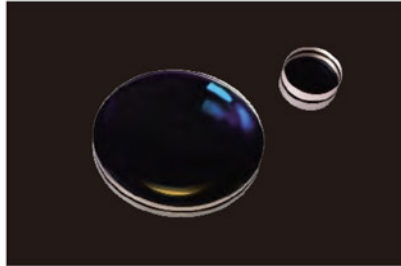
Quick replace probe design



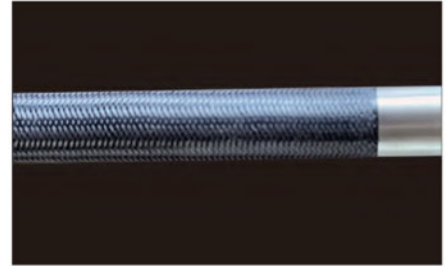
Superb Technical Process



Wear-resistant titanium camera



Sapphire lens



New tungsten braided cable

Parameter

Camera diameter	2.4mm	3.9mm	6mm	8mm
Image sensor	CMOS 1/18	CMOS 1/9	CMOS 1/6	
Pixels	1600,000	720P		
DOF	5mm~30mm	8mm~80mm	5mm~50mm /15mm~∞	
FOV	>120°			
Material of the probe	Titanium alloy			
Illuminating brightness	3500lux	18000lux	50000lux	70000lux
Insertion cable diameter	2.4mm	3.9mm	6mm	8mm
Length of the insertion cable	1.5m	2m	2m/3.5m	2m/3.5m/6m
Articulation selection	Bending direction	360°degrees manually articulation		
	Bending angle	Bending angle: > 90°		
Weight controller	1.073kg	Image format	JPEG 1024*768(4:3)/1200*720(16:9)	
LCD display	5 inches	Video format	MOV 1200*720 (16:9) 960*720 (4:3)	
Resolution	1280*720	Image rotation	Real-time image 0°, 180°rotation	
Contrast	900:1	Temperature sensor	Yes	
Measure	600 CD/m2	LED illumination level display	Level 5	
Interchangeable probe	Yes	picture rename	Chinese and English figures	
Output interface	HDMI/AV	Text note	Chinese and English numeric character	
White balance	Auto/manual optional	WIFI video transportation	Yes(it can connect to mobile phone, tablet computer, etc)	
Memory card	32G	Video	Build-in MIC speaker	
Battery working time	> 4 hours			

Application Field



nuclear power



Wind power



Electric power



Petrochemical



Aerospace



Auto motive



Machining