



# GX IR

## Infrared Light

### Multifunctional HD Industrial Videoscope



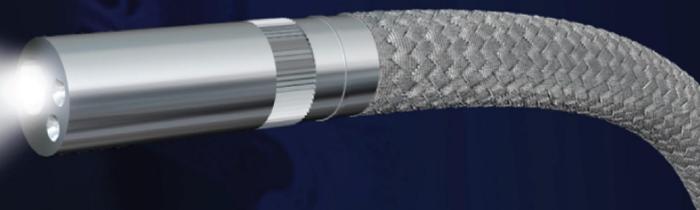
Rear  
Auxiliary  
Light



Wireless Charging  
Host Base

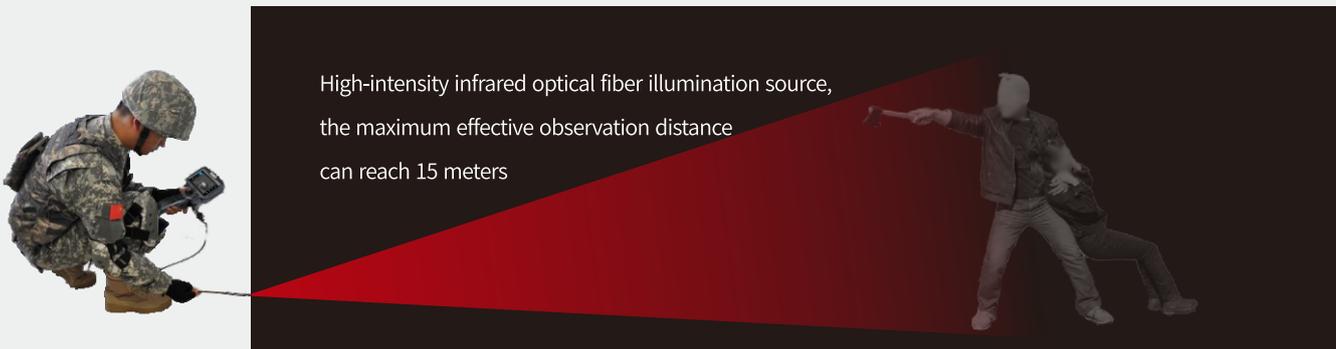
# Visiscope®

EXCELLENCE IN REMOTE VISUAL INSPECTION



## Infrared light detection

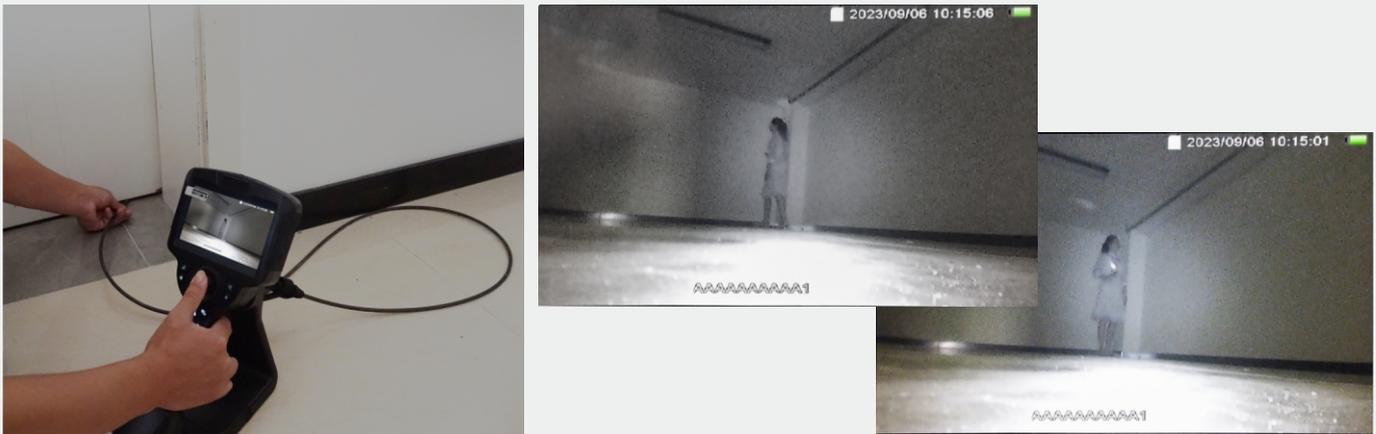
As an advanced investigation tool, police infrared videoscopes are gradually being applied to police work. Through high-definition infrared camera technology and micro-probes, it can observe and detect in small spaces, hard-to-access places and dark places, and can conduct normal observation and reconnaissance in dark spaces and dark nights. The emergence of police videoscopes has greatly improved the efficiency of police work.



Using 940nm infrared fiber technology, no red exposure. Avoid exposure risks during investigation;

Rear fiber optic illumination is used to provide sufficient illumination for observation. 4mm probe can observe 7 meters distance in all-black environment, 6mm probe can observe 15 meters distance in all-black environment .

Observation scene



## Real Time Image

### Transmission

Built-in WIFI

Support live image transmission within 30 meters distance



## Joystick structure

### Mechanical

360° all-round adjustment

160° bending

Ripple damping for bending  
locked and fine-tune



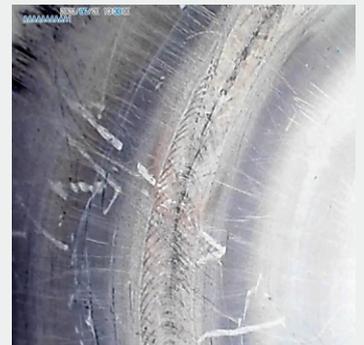
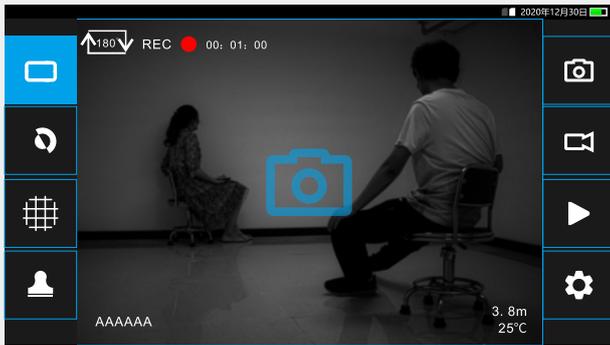
## Embedded operating system

### Friendly and smooth user operation experience

3-5 seconds fast boot

Common function icons on the desktop for quick selection

Negative contrast display



## High current

### wireless charging

Put the main unit on the base

for fast wireless charging.

the videoscope can work while charging,  
greatly enhance battery life.



## Infrared light

Probe Diameter	3.9 mm	6.0mm
Probe length	18mm	16mm
Probe Length	2M/3M	2M/3.5M
Photo Sensor	CMOS 1/9	CMOS 1/7.5
Effective Pixels	720P	720P
Depth of Field	60mm---infinity	60mm---infinity
FOV	>70°	>80°
Viewing Angel	0°	0°
Illumination Style	infrared optical fiber	infrared optical fiber
UV irradiance	>7M	>15M
Articulation	4 ways	4 ways



## digital HD industrial videoscope main technical parameters

### Host :

Carton Dimension	548×458×198mm
Controller Weight	1.2kg
Controller Size	330mm×90mm×150mm
Housing Material	ABS
LCD	5 inches 1280×720
Contrast	1000:1
Brightness	1000CD/m <sup>2</sup>
Display Frame Rate	30 fps
Articulation Control	Both mechanical and servo probe are available
Interchangeable probe	ok
Outpur Interface	HDMI/AV
USB Interface	Mini-USB-type B
Light Type	Infrared light
Lamp Life	100,000 hours
Brightness Control	Manual 5-level adjustment
White Balance	Auto/manual
Video Output	Manual,NTSC/PAL
Video Input	NTSC/PAL
SD Card	64G

### Operating envirmnt :

Camera Working Temperature	-10~50°C
System Working Temperature	-10~50°C
Storage Temperature	-10~50°C
Liquid Proof	Oil, light oil or 5% salt solution
Waterproof Level	IP67
	IP65 (customizable)

### Power input :

AC power input	AC100~240V50/60Hz0.35A
AC power output	5V3A, Wireless Charging

### Battery :

Lithium Battery	3.7V/9000MAH
Charging Time	5 Hours
Working Time	More than 4 Hours

### Testing cable :

Testing cable	Diameter	3.9/6.0mm
	Length	2M/3.5M
	Surface	Tungsten Braid
Articulation	Bending Direction	360°
	Bending Angle	360° Rotation More than 90° Bending
	Control Machanism	Manual joystick

### Software :

Operating system	Multitasking operating system menu driven and key operations
Image control	Real-time image 3x zoom, store image 3x zoom
Image format	JPEG 1024*768
Video format	AVI 720*576
Software upgrading	Upgrade via USB fash-drive
Languages	Chinese Simplified, Chinese Traditional, English, German, French, Korean, Russian, Italian, Japanese

**Visiscope®**  
EXCELLENCE IN REMOTE VISUAL INSPECTION

