



ITI HANDHELD VIDEOSCOPE SERIES

# ITI Handheld xP Videoscope

High quality and feature rich with a competitive price tag, the compact ITI Handheld Videoscopes deliver big value.

#### APPLICATIONS:

- Auto engines
- Aircraft engines
- Power generation
- Manifolds
- Valves
- Portable battery applications
- And more

"xP" means "x-Changeable Probe" to meet inspection size requirements, carry a spare, etc. A great feature offering flexibility, increasing productivity and reducing down time.

**PROBE DIAMETER options** range from  $\varnothing 2.85\text{mm}$  (.112") to  $\varnothing 6.2\text{mm}$  (.244") with working lengths of 1.5m (4.9') to 3m (9.8').

**DURABLE** braided probe delivers maximum range of motion and visibility.

One-thumb operation and locking **360° ARTICULATION** enables precision control of camera tip.

**LIGHTWEIGHT** at 1.0kg (2.4lbs) with a rechargeable Li-ion battery lasting over four hours means user comfort.

The **CAMERA** and high intensity **LED ILLUMINATION** deliver superior image and video output in standard jpeg and avi formats on a SD card. Simply plug the SD card into a tablet or computer via standard USB port.



Tight bend radius



Li-ion battery powered > 4 hours



Interchangeable Working Lengths

# ITI

## ITI Handheld xP Videoscope

The ergonomic design enables

- One hand operation with an intuitive interface
- Easy to maneuver, joystick-controlled articulation
- Large 5" high resolution display

Lightweight and wireless, ITI Handheld Videoscopes are

- Ideal for use in limited access areas or in spaces that are difficult to navigate such as stairs or ladders.
- Durable, water and oil resistant even in the most challenging environments
- Extremely easy to use, even while wearing protective gloves

Repair service is available at our US headquarters, offering quick turnaround and fair prices.



Also check out:

- [ITI Handheld Videoscope](#)
- [ITI Handheld+ Videoscope](#)

### WORKING LENGTH

Diameter, max.	Ø2.85mm (.112")	Ø4.5mm (.177")	Ø6.2mm (.244")
Length	1.0	2.0m/3.0m	2.0m/3.0m
Material	Stainless	Tungsten	Tungsten
Articulation	2-way (L/R)	360° around	360° around
Angle, nom.**	>140°	>150°/120°	>160°/150°
Mode	Joystick	Joystick	Joystick
Ingress Rating	IP64	IP64	IP64

### IMAGING

Camera Sensor	CMOS	CMOS	CMOS
Pixels	160k	640x480	1280x720
View Angle	120°	60°/90°	120°
f/number	5.0	2.8/4.8	5.0
Depth of Field	5-50mm	60mm-Infinity (60°) 8-80mm (90°)	5-50mm 15mm-Infinity
Zoom	1x to 3x	1x to 3x	1x to 3x
Illumination	5 levels	5 levels	5 levels
Display Monitor	5", 800x480	5", 800x480	5", 800x480

### RECORD/PLAY

Photo	jpg 1024x768
Video	avi 800x480
Storage	SD Card, 32GB

### POWER

Battery	Li-ion, 3.7V
Capacity	6000mAh
Operating	4 hours
Charge	5 hours
AC Charger	100-240VAC, 50/60Hz

### MENU

File Save/Delete	
14 languages	
Time/Date	
Format SD Card	

### KIT INCLUDES

xP Probe	AC Power Adapter w/ 4 Foreign Plugs
xP Control Unit	Video Out Cable Desktop Stand
Battery Pack	Case and Foam Shoulder Strap
32GB SD Card	Manual

### OUTPUTS

Video Ports	HDMI and NTSC/PAL
USB Port	File transfer to PC

### PHYSICAL

Material, Handle	ABS and TPE
Temp, Operating	-10°C to 50°C (14°F to 122°F)
Weight, xP VS	1.0kg (2.4lbs)
Weight, Kit	6.3kg (14.0lbs)
Size, Kit	55cm x 45cm x 19cm (22.7" x 18.7" x 7.5")

### OPTIONS

Wireless	WiFi to phone/tablet
Audio	Microphone
Infrared (IR)	940nm LED
Ingress Protection	IP67 for diameters 4.5 and larger

\* 6.2mm diameter is 6.4mm (.252") for IP67

\*\* reduce articulation angles 30° for IP67

