

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

