



ITI HANDHELD VIDEOSCOPE SERIES

ITI Handheld+ Videoscope System

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

PROBE DIAMETERS measure 2.85mm (.11") to 8.4mm (.033") and working lengths measure 1.5m (5') to 6m (14').

DURABLE braided probe delivers maximum range of motion and visibility.

One-thumb, motorized, locking **ARTICULATION** enables precision and control.

LIGHTWEIGHT at .95kg (2.1lbs), wireless, with a rechargeable Li-ion battery that lasts more than four hours mean comfort for the duration of inspection.

The **CAMERA** and high intensity **LED ILLUMINATION** deliver superior image and video output in standard jpeg and/or mpeg format on a SD card. No need for complex, proprietary software. Simply plug the SD card into a tablet or computer via standard USB port.



Li-ion battery powered
> 4 hours

Instrument Technology, Inc.

ENGINEERING SPECIFICATIONS

ITI Handheld+ Videoscope

The ergonomic design enables

- One hand operation with an intuitive interface
- Easy to maneuver, joystick-controlled articulation
- Ample 4.3" 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, waterproof 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.



WORKING LENGTH

Diameter	Ø2.85mm (.11")	Ø4.5mm (.18")	Ø6.0mm (.24")	Ø8.4mm (.33")
Length	1m/1.5m	1.5m/3m	1.5m/3m	1.5m/3m/6m
Material	Stainless	Tungsten	Tungsten	Tungsten
Articulation	2-way	4-way	4-way	4-way
Angle	140°	140°/120°	150°/140°	150°/140°
Mode	Motor Joystick	Motor Joystick	Motor Joystick	Motor Joystick
Ingress Rating	IP 65	IP65/IP67	IP65/IP67	IP65/IP67

IMAGING

Camera Sensor	CMOS	CMOS	CMOS	CMOS
Pixels	160k	350k	410k	440k
View Angle	90°	60/90°	90°	90°
f/number	4.0	2.8/4.9	2.8/4.9	2.8/4.9
Depth of Field	5-50mm	8-80mm	8-80mm	8-80mm
		40mm-Infinity	15mm-Infinity	15mm-Infinity
Zoom	1x to 3x	1x to 3x	1x to 3x	1x to 3x
Illumination	5 levels	5 levels	5 levels	5 levels
Output	12,000 lux	18,000 lux	30,000 lux	50,000 lux
Display Monitor	4.3", 800x480	4.3", 800x480	4.3", 800x480	4.3", 800x480

RECORD/PLAY

Photo	jpg 1024x768
Video	avi 800x480
Storage	Micro SD, 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
12 languages
Time/Date
Format SD Card

KIT INCLUDES

HH+ Videoscope	AC/DC Power Supply
Battery Pack	w/foreign adapters
8GB SD Card	Case and Foam
Video Out Cable	Manual
USB Cable	

OUTPUTS

Video Port	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, HH+	.91kg (2lbs)
Weight, Kit	5.7kg (12.6lbs)
Size, Kit	56 x 46 x 16cm (22" x 18" x 6.3")

OPTIONS

Wireless	WiFi to phone/tablet
Audio	Microphone
Infrared (IR)	940nm LED