

ITI HandHeld VIDEOSCOPE SYSTEM

ECONOMY MEETS HIGH TECHNOLOGY
ITI HandHeld VIDEOSCOPE SYSTEM



ITI HandHeld VIDEOSCOPE SYSTEM

ITI HandHeld Videoscope System offers Simplicity and Top Industrial Performance

Compact, lightweight, and economical: the innovative, easy-to-operate **ITI HandHeld Videoscope System** ends the need for high-end, complicated scopes that can be costly to buy and costly to maintain. The result of extensive research and development, the **HandHeld Videoscope System** combines a rugged borescope with state-of-art functions that works in challenging environments for a fraction of the cost of other handheld units. If repairs are needed, the cost is also low and turn-around is fast: guaranteed by ITI.



Easy-to-view, high resolution display screen.



Easy connection to USB port on tablet or computer.

Battery or 12.6V

Features:

- 4mm or 6mm probe diameter; 1.5 meter or 3 meter probe length
- Intuitive interface
- Joystick-controlled; 360° articulation
- Waterproof, oil resistant, durable
- Tungsten probe contains protective coil to prevent crushing
- High Resolution camera and lens
- High-output L.E.D. lightbulb increases in intensity in dark spaces
- Computer adaptable for large video files and measurement capabilities
- Battery -powered; Uses standard AA batteries (not included); can be rechargeable.

4mm

6mm



ITI HandHeld VIDEOSCOPE SYSTEM

Form and Function Fits the Palm for One-Hand Operation

Pack it and go. The **ITI HandHeld Videoscope System** weighs only 1.3 pounds, enabling unmatched versatility. Inspections are quick; images are high quality; and articulation is accurate, thanks to the ITI reputation for superior quality.

Benefits:

- **Lower upfront cost; lower repair cost.**
- **Ideal for use in limited access areas,** or in spaces that are difficult to navigate, such as from stairs or on ladders.
- **One-Hand Operation** on intuitive interface; tip articulation is conducted by the thumb, thus freeing the other hand to safely and accurately maneuver the probe. All operations can be completed while wearing protective gloves.
- **No complex, built-in computer** that requires special training and frequent software updates: images from the **ITI HandHeld Videoscope System** are captured in standard jpeg and/or mpeg format on an SD card. The card then plugs into a customer's existing tablet or computer via a standard USB port and syncs with their own user-friendly technology.
- Repairs are done **on ITI premises** in the U.S.A. to ensure dependable Customer Service and fast turnaround.
- Designed and manufactured to **ITI stringent specs and standards** for superior performance.

Industry Applications Include:

Machinery
Casting
Chemical
Nuclear
Water Treatment

Automotive
Military
Law Enforcement
Fire Control



ITI HandHeld VIDEOSCOPE SYSTEM

PRODUCT SPECIFICATIONS

CAMERA OUTER DIAMETER:

4mm/6mm

EFFECTIVE WORKING LENGTH:

1.5-3m

FOV:

80° or 60°

DOF:

15mm - ∞

IMAGE SENSOR:

410,000 Pixels

CAMERA PROTECTIVE FUNCTION:

IP64, up to Ip67

TESTING CABLE BRAID:

Stainless Steel or Tungsten

BEND DIRECTIONS:

>100°

BEND ANGLE (BEND RADIUS):

>90°

ZOOM:

5X

OUTPUT:

NTSC/PAL and USB

OPERATING TIME:

2 hours (with 4 alkaline batteries)

ILLUMINATION AND POWER CONTROL:

LED cold light source

LIGHT INTENSITY:

40000Lux~60000Lux

BRIGHTNESS ADJUST MODE:

Yes

POWER:

12.6V ~1A

PORTABLE BATTERY:

Dismountable

MONITOR SIZE:

3.5" TFT LCD

RESOLUTION:

640 x 480

VIDEO FORMAT:

AVI format

PICTURE FORMAT:

JPEG and MPEG format

STORAGE CAPACITY:

8G SD card

HOST SYSTEM WORKING TEMPERATURE:

-10°C~50°C

LANGUAGE:

Selectable

WEIGHT:

1.3 lbs.