

I.T.S. Videoscopes XT Series

Explosion Proof Videoscopes

Ph: 949-232-5837

www.itsvideoscopes.com

HAZARDOUS LOCATIONS RATED FOR EXPLOSIVE ENVIRONMENT

UL, ATEX, MIL STD 810G

3,4,6 & 8MM Diameters in Length Up To 7.5 Meters

IP55; IP56; IP57* & IP68* *distal end only

Designed and Tested to meet the requirements of: NFPA 70 – Class 1 Division 2

ISO 9001 CE Compliant MIL STAD 810G, Method 511.6

**5" (12.7 CM VGA 640 x 480 Pixel
High Definition Display**



Rugged Handle with Integrated Light

Bend Protection

Heavy-Duty Tungsten Braid



**Gold-Tip LED Non-Conductive Distal End
3mm, 4mm, 6mm & 8mm Dia. Videoscope Options**

Technical Data: XT Series Explosion Proof Videoscope

Operating unit

Display size:	New 5.0" (12.7cm) TFT color
Display resolution:	TFT (640x480 pixel)
Operating system:	Real-time operating system with on-screen menu Direct action keys function keys / arrow keys
Languages:	English, German, Polish, French, Spanish, Italian, Turkish
Video interface:	Composite video-out (BNC)
Power supply, primary:	Rechargeable Li-ion batteries (2)
Power supply, secondary:	12V adapter Charger Included

Documentation

Video format:	MPEG4 (.avi) (with time and date stamp)
Image format:	BMP (.bmp) (with time and date stamp)
Storage:	SDHC Memory card up to 32GB (FAT32)

Camera

Image sensor:	High resolution CCD image sensor
Camera control:	White balance, AGC level, Gamma

Image control

Functions:	Live 3.5 X digital zoom/ Horizontal and vertical image inversion/ Brightness /Contrast/ Color
------------	---

Probe

Diameter:	3mm	4.0m	6.0mm	8.0mm
Working length:	1.5 – 3	1.5 - 3.0	1.5 - 7.0	1.5 – 10
Articulation:	2-way / 180°	4-way / 360°	4-way / 360°	4-way / 360°

Braid:

Heavy Multi-layered smooth tungsten braid on PU jacket

Illumination

Type:	High-power LED with high transmission fiber-optics High power COLD - TIP LED – Explosion Proof
-------	--

Illumination control:	3 steps
Color temperature:	approx. 6500k.
Average lamp lifetime:	approx. 5000h

Device

Ergonomics:	± 90° rotatable display, alt. ±90° rotatable handle
Weight:	1.35Kg
Dimensions:	180mm X 105mm X 45mm
Housing:	Rugged PU, with integrated rubber shock caps
Tip operating temperature:	-25°C to +80°C / 140°C less than 5 Minutes
System operating temperature:	-25°C to +46°C
Storage temperature:	-25°C to +60°C
Relative humidity:	95% less than - non condensing
Waterproof:	Probe and distal End up to 1 bar- 10.2m H2O
Resistance:	Probe and distal End to oils and saline (5%)

Dimensions:

180mm x 105mm x 45mm

Tool Case

Rugged Pelican Type Roll-On with Wheels



Approved by A Major Aerospace And Automotive Manufactures



I.T.S. Videoscopes

iTConcepts
Induction Technology Solutions Inc.
9133 Village 9,
Camarillo, CA 93012

Ph: 949-232-5837

www.itsvideoscopes.com

I.T.S. Videoscopes - Dedicated Customer Support Tech. Center

iTConcepts
2921 E. Miraloma Ave. No. 14
Anaheim, CA 92806

Ph: 949-232-5837

www.itsvideoscopes.com