

iRis XT

Video Endoscope System

- MIL-STD-810G with Change 1, Method 511.6, Procedure I
- Atex Category 3
- Class I, Division 2, Groups A, B, C, and D Hazardous Locations.



Technical Details:

Display Size:	5.0" (12.7CM) TFT display	
Display Resolution:	VGA (640 x 480 pixel)	
Operating system:	Realtime operating system, with on-screen menu Direct action keys / function keys / arrow keys	
Language:	English	
Power supply, primary:	Rechargeable Li-ion	
Power supply, secondary:	12 V Adapter (Optional accessory)	
Storage:		
Video format:	MPEG4 (.avi) (with time and date stamp)	
Image format:	BMP (bmp)	
Storage:	Internal Memory (16GB)	
Data Transfer:	USB (32GB)	
Camera:		
Image sensor:	AIT Advanced Image sensor	
Camera control:	White balance	
Image control:		
Functions:	5X Digital Zoom	
Probe:		
Diameter:	4.0mm	6.0mm
Working length:	1.5 - 3.0mtr	1.5 - 7.5mtr
Articulation:	4-way (360°)	4-way (360°)
Integrated objective:	DOV: 0° FOV: 90° DOF: 5mm - ∞	DOV: 0° FOV: 90° DOF: 5mm - ∞
Braid:	Multi-layer tungsten braid on PU jacket	Multi-layer tungsten braid on PU jacket
Illumination:		
Type:	High power LED with light fiber	
Illumination control:	Adjustable	
Average lamp lifetime:	Approx. 5000h	
Construction:		
Weight:	1.28Kg	
Dimensions:	180mm x 105mm x 45mm	
Housing:	Rugged PU, with integrated rubber shock caps	
Tip operating temperature:	-13°F to 176°F (-25°C to + 80°C)	
System operating temperature:	-13°F to 122°F (-25°C to + 50°C)	
Storage temperature:	-13°F to 140°F (-25°C to + 60°C)	
Relative humidity:	95% less than - non considering	
Protection Glass:	IP68 MIL STD 810G	
Waterproof:	Probe and distal End up to 1 bar - 10.2m H2O	
Resistance:	Probe and distal end to oils and saline (5%)	

Scan here to Know more 



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