



# iRis 7 PRO

# Videoscope System



### Smart Focus



**Monitor Technical Specification:-**

Display Size:	7.0" with Touch
Display Resolution:	1280 X 800 Pixel
Operating System	EIOS (Endoscopic Imaging Operation System)
Interface:	USB
Power Supply (Primary):	Rechargeable Li-ion Battery (Backup - min. 150 mins)
Power Supply (Secondary):	12V AC Adapter
Storage:	25GB Internal with 32GB in USB
Video Format:	MPEG4 (.avi)
Image Format:	BMP (bmp), JPEG (jpg), PNG (.png)
Audio and Mic:	Optional
Method:	Grid, Line, Circle, Marker
Smart Inspector:	Image comparison
Image Share:	Live Image Share (Android/iOS/Laptop)
Measurement:	Comparative
Zoom:	5X
Brightness:	Adjustable
Contrast:	Adjustable
Saturation:	Adjustable
Text Annotation:	Built-in Text overlay generation
White Balance:	Manual
Inversion:	Normal, Horizontal, Vertical and Both
AEC:	Adjustable
AGC (Gain Control):	Auto/Adjustable
Ergonomics:	Rotatable Display Unit
Weight:	1.35Kg
Housing:	Rugged PU with Rubber Shock Protection
Drop Test:	1Mtr.
Protection Class:	IP65 & MIL STD 810G

**Probe Technical Specification:-**

Image Sensor:	High Resolution Super HAD CCD	
Diameter:	6.0mm	8.0mm
Working Length:	1.5 – 7.5mtr	1.5 – 7.5mtr
Articulation:	4-way (360°)	4-way (360°)
Objective Lens:*	X	X
Side View Tip Adapter:*	X	X
Outer Braid:	Multi-Layer Tungsten on PU Jacket	
Illumination Type:	High Power light fiber-based LED with Intensity Control LED	
Lamp Life:	Approx. 5000 hrs.	
Temp. Sensor:	High Temp. Indication (Optional)	
Tip Operating Temp:	-25°C to +100°C (140°C less than 5 mins.)	
Storage Temp.:	-25°C to + 60°C	
System Operating Temp:	-25°C to + 50°C	
Relative Humidity:	95% Less than – noncondensing	
Protection Class:	IP68 MIL STD 810G	
Waterproof:	Probe and Distal End Up to 14.7 psi (1barr.10.2m H2O)	
Resistance:	Probe and distal end to Oils and saline (5%) & Petroleum Fluids	

Probe	DOV	FOV	DOF	CODE
6.0mm	0°	60°	5mm-∞	BLACK
6.0mm	0°	60°	8mm-∞	YELLOW-B
6.0mm	0°	120°	5mm-∞	RED
6.0mm	0°	120°	3mm-∞	GREEN
6.0mm	90°	60°	5-15mm	SVTA-CF
6.0mm	90°	60°	15-50mm	SVTA-FF
6.0mm	90°	120°	5-120mm	SVTA-FF
8.0mm	0°	120°	5mm-∞	RED
8.0mm	90°	60°	5mm-∞	SVTA-FF
8.0mm	90°	120°	5mm-∞	SVTA-FF

X - Available

**I Can See  
What you can't...**



Scan here to Know more



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