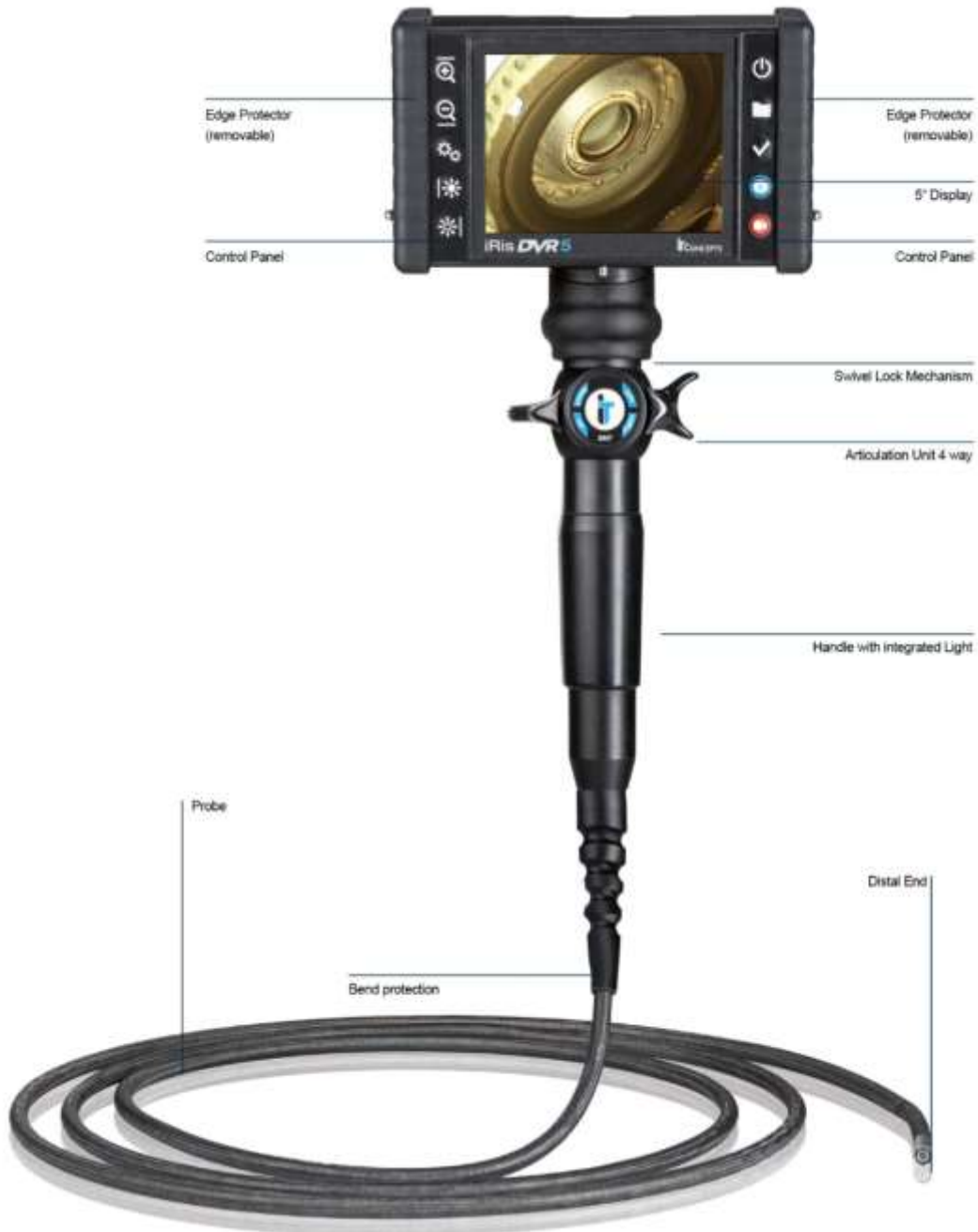


I.T.S. Videoscopes DVR5 Pro Series

Ph: 949-232-5837

www.itsvideoscopes.com

iRIS DVR5 Videoscope System With Interchangeable Objective Lens



Technical data

I.T.S. Videoscopes iRIS DVR 5

Display size:	5.0" (12.7cm) TFT Color
Display resolution:	VGA 640x480 Pixel
Operating system:	Real-time operating system with on-screen menu Direct Keys / function arrow keys
Languages:	English, German, Polish, French, Spanish, Italian, Turkish
Video interface:	Composite video-out (BNC)
Power supply, primary:	Rechargeable Li-ion battery
Power supply, secondary:	12V adapter (optional accessories)
Storage:	SDHC Memory card up to 32GB (FAT32)
Video format:	MPEG4 (.avi)
Image format:	BMP (.bmp), JPEG (.jpg), PNG (.png)
Camera	
Image Sensor:	High resolution Super HAD CCD image sensor
Camera control	White balance, AGC level, Gamma, Shutter, Gain Control, Time exposure
Image Control	
Functions:	16 step digital zoom/ Horizontal and vertical image inversion/ Brightness /Contrast/ Color
Text Annotations:	Built-in text overlay generator

ILLUMINATION

Type	High-power LED with high transmission fiberoptics High-power LED on the TIP
Illumination control:	3 steps
Color temperature:	approx.. 6500k
Average lamp lifetime:	5000h

OTHER DATA

Ergonomics:	± 90° rotatable display, alt. ±90° rotatable handle
Weight:	1.35Kg
Dimensions	180mm x 105mm x 45mm
Housing:	Rugged PU with rubber shock protection
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%)
Sensor	High resolution Super HAD CCD image sensor

PROBES (mm)

	4.0	6.0	8.0	Probe	DOV	FOV	DOF	CODE
Working length (m)	1.5 - 4.0	1.5-7.5	1.5 - 7.5					
Articulation	4-way / 360	4-way / 360°	4-way / 360°					
Integrated objective lens:	Yes	No	No					
Interchangeable objective:	No	Yes	Yes					
Side view tip adapter:	Yes (60° FOV)	Yes	Yes	4.0mm	0°	60°	7-50mm	
Braid:	Multi-layer Tungsten braid on PU Jacket			4.0mm	0°	60°	4-10mm	SD
				4.0mm	0°	90°	15mm-∞	
				4.0mm	0°	90°	10-30mm	SD
				4.0mm**	90°	60°	5-45mm	SVTA
				6.0mm	0°	60°	5mm-∞	BLACK
				6.0mm	0°	60°	8mm-∞	YELLOW-B
				6.0mm	0°	90°	5mm-∞	RED
				6.0mm	0°	120°	3mm-∞	GREEN
				6.0mm**	90°	60°	5-15mm	SVTA-CF
				6.0mm**	90°	60°	15-50mm	SVTA-FF
				8.0mm	0°	28°	25mm-∞	BLUE
				8.0mm	0°	60°	5mm-∞	BLACK
				8.0mm	0°	60°	8mm-∞	YELLOW-B
				8.0mm	0°	90°	8mm-∞	SILVER-B
				8.0mm	0°	90°	5mm-∞	RED
				8.0mm**	90°	60°	5mm-∞	SVTA

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