

# iRISMIL

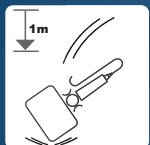
## Videoendoscope System



5" Display



360° Swivel Monitor



Shock Proof



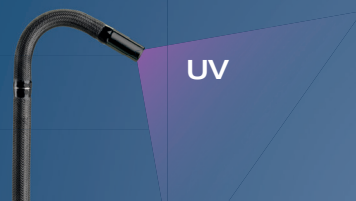
Compact



Splash Proof



white



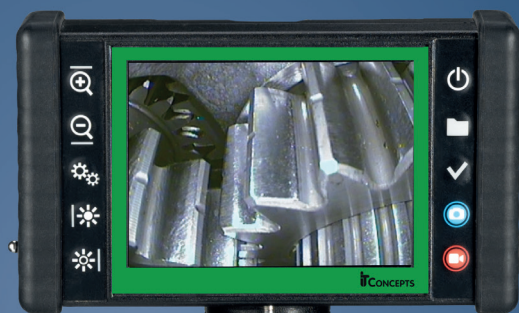
UV



blue



Infrared



Removable Sun Shield (optinal)  
Edge Protection

4 way Articulation

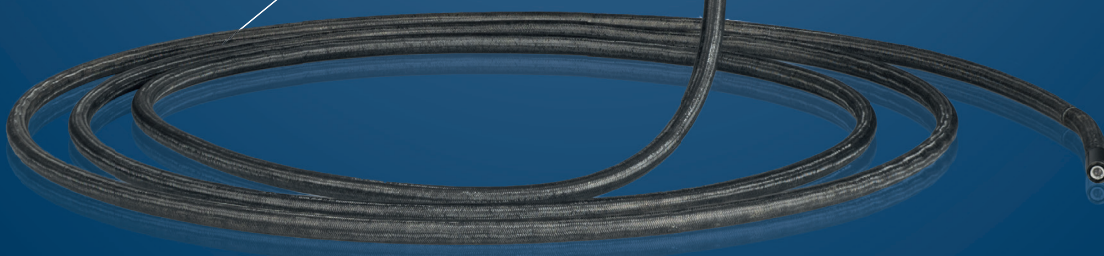


360°

Interchangeable  
LED Lightsources



Multi-Layer Tungsten Braid  
on PU Jacket



## Technical Data

### iRis MIL

Display Size:	5.0" (12.7 cm) TFT Color Display
Display Resolution:	VGA (640 x 480 Pixels)
User Interface:	Real-Time Operating System with On-Screen Menu with Direct Action Keys / Function Keys / Arrow Keys
Languages:	English, German, Polish, French, Spanish, Italian, Turkish
Power Supply, primary:	Rechargeable Li-ion Battery (Charger and Battery are included)
Power Supply, secondary:	12V Adapter (Optional Accessory)
Weight:	1.365kg

### DOCUMENTATION/STORAGE

Video format:	MPEG4 (.avi) (with Time and Date Stamp)
Image format:	BMP (.bmp) (with Time and Date Stamp)
Memory:	SDHC Memory Card up to 32GB (FAT32)

### CAMERA

Image Sensor:	Advanced Chip on the Tip Image Sensor
Camera Control:	Automatic or Custom via Menu

### IMAGE CONTROL

Zoom:	16 Steps Digital Zoom
Image Orientation:	horizontally and vertically adjustable
Brightness/Contrast/Color:	user adjustable

### ILLUMINATION

Type:	High Power LED <b>interchangeable [White / UV / Blue / Infrared]</b>
Lighting Control:	3 Levels
Color Temperature:	approx. 6500k
Average Lifespan:	approx. 5000h

### PROBE

Diameter:	4.0mm	6.0mm	8.0mm
Working Length:	1.0 - 3.0m	1.0 - 3.0m	1.0 - 3.0m
Articulation (Neck Flexion):	4-way 360° Control	4-way 360° Control	4-way 360° Control
Integrated Objective Lens:	90° FOV	90° FOV	90° FOV
Sheathing:	Multi-Layer Tungsten Braid on PU Jacket for High Wear Resistance		

### OPERATING ENVIRONMENT

Operating Temperature:	-20°C to +50°C
Humidity:	95% - non-condensing
Water Resistance:	Probe and Distal End up to 1 bar - 10.2m H2O
Resistance:	Probe and Distal End to Oils and Saline (5%)
Protection Class:	IP54 Documentation Unit and Handle IP57 Probe and Distal End

FOV: Field of View

