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iCONCEPTS
IMAGING SOLUTIONS

 **OPTICON**
Benelux

iRIS 7 PRO
Videoscope System



Technical data

iRIS PRO

Display size:	7.0"
Display resolution:	1280x800 pixel
Operating system:	EIOS (Endoscopic Imaging Operation System)
interface:	USB
Power supply, primary:	Rechargeable Li-ion battery
Power supply, secondary:	12V adapter (optional accessories)
Storage:	intern 16GB / USB (16GB in delivery)
Video format:	MPEG4 (.avi)
Image format:	BMP (.bmp), JPEG (.jpg), PNG (.png)

IMAGE ANALYSIS

Method:	Comparative Measurement
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ILLUMINATION

Typ	High-power LED with faseroptic High-power LED on the TIP (6mm X PRO)
Illumination control:	3 steps

OTHER DATA

Ergonomics:	± 90° rotatable display, alt. ±90° rotatable handle
Weight:	1.65Kg (+/- depece on probe diameter and working length)
Dimensions:	430 mm x 187 mm x 104 mm
Housing:	Rugged PU with rubber shock protection
Tip operating temperature:	140°C less than 5 Minutes/ -25°C to +80°C
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
Working length (m)	1,0 - 4,0	1,0 - 7,5	1,0 - 7,5
Articulation (2-way/4-way)	4-way	4-way	4-way
Integrated objective lens	•	-	-
Interchangeable objective lens	-	•	•
Side view tip adapter	•	•	•

Probe	DOV	FOV	DOF	CODE
4.0mm	0°	60°	7-50mm	
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

