

ITS VideoScopes
IMAGING SOLUTIONS

REMOTE VISION



**THE NEW
PROSERIES**



Made In USA

NEU 2018

THE PRO SERIES

**PORTABLE AND COMPACT
IMAGING PER TOUCHSCREEN
FOR REMOTE VISUAL INSPECTIONS**

The new 7" PRO platform supports the entire new PRO Series videoscope product line of IT Concepts. We offer with the PRO Series a flexible System, which contains a portable and workstation solution

with interchangeable Videoprobes starting from 2,4mm diameter in divers length. This variety of combination enables remote visual inspections in almost all industrial applications.

EIOS THE RVI-SOFTWARE



EIOS OPTIMIZES THE UTILIZATION OF THE NEW MODULAR PRO SERIES VIDEOSCOPE LINE

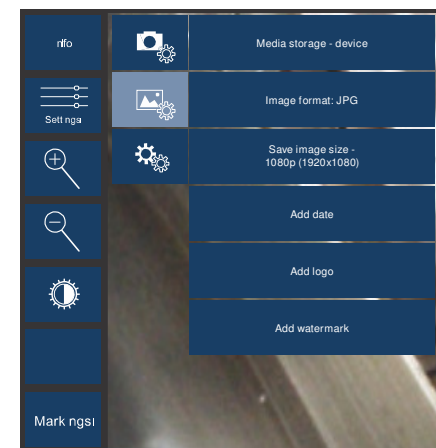
EIOS the new intuitive and easy to use touch screen interface optimizes the utilization of the new modular PRO series videoscope line.

ALL OPTION FAST IN SIGHT



FULLSCREEN

ONE touch and the Full-Screen-Mode provides even more visibility on the inspection image.



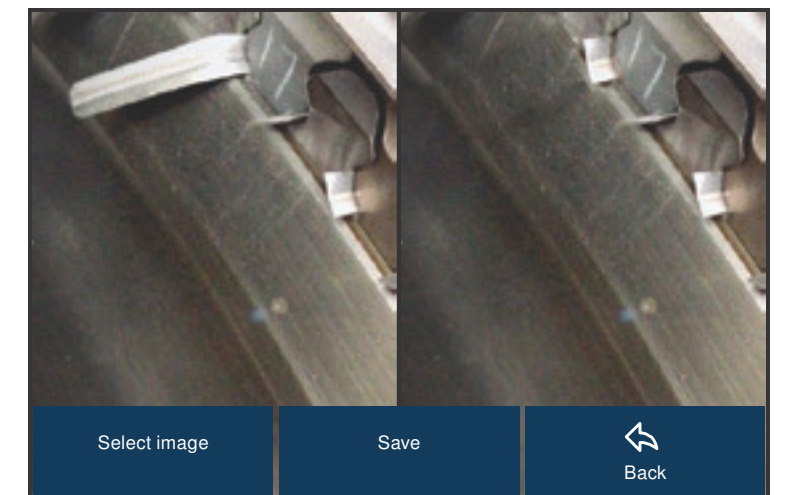
Useful settings

The different possible setting option of the EIOS software simplifies the evaluation of the generated information.

SMART INSPECTOR

The smart inspector allows to compare existing files with live video.

and much more ...



EIOS offers multiple functions to evaluate, archive and transfer the data via USB or wireless.

MODULAR

WORKSTATION

HDMI PRO

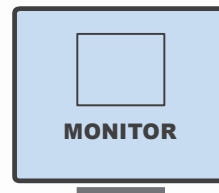
- The workstation to use videoscopes with a touch screen at the workplace
- Combines all IT Concepts Videoscopes
- EIOS



HDMI PRO

HDMI ZOOM

- The ZOOM-Box to use videoscopes with a screen at the workplace
- Combines all IT Concepts Videoscopes
- ZOOM in/out



HDMI ZOOM

PORTABLE

iCAPTURE PRO

- the portable workstation
- Combines all IT Concepts Videoscopes
- EIOS



COMPACT

PORTABLE

iRIS 7 PRO

PREMIUM

- the integral videoscope-system
- high resolution CCD-imager
- focusable interchangeable lenses
- Ø 4,0 mm / 6,0 mm / 8,0 mm
- EIOS



INTERCHANGEABLE PROBES

iLED PRO

PREMIUM

- Videoscope-Probe
- high resolution CCD-imager
- focusable interchangeable lenses
- Ø 4,0 mm / 6,0 mm / 8,0 mm
- EIOS
- 4-way articulation



XLED PRO

CLASSIC

- Videoscope-Probe
- BEST price performance
- smallest diameter
- Ø 2,4 mm / 3,0 mm / 4,0 mm / 6,0 mm
- 4-way articulation
- 2-way articulation



XLED 3

VALUE

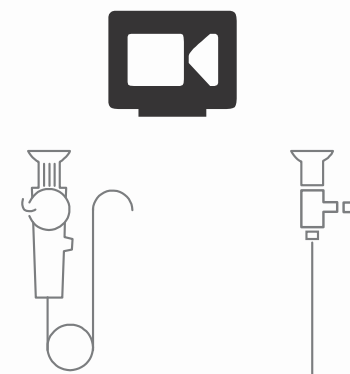
- Videoscope-Probe
- low cost of ownership
- Ø 3,0 mm / 4,0 mm
- 2-way articulation



CAMERA-MODUL

CUBECAM PRO

Camera for all rigid and flexible IT Concepts Endoscopes and scopes with 32mm eyepieces



iRIS X PRO

CLASSIC

- the integral videoscope-system
- BEST price performance
- smallest probe diameter
- Ø 2,4 mm / 3,0 mm / 4,0 mm / 6,0 mm
- EIOS

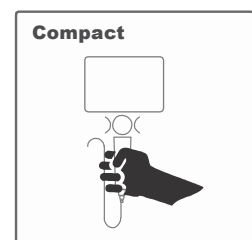
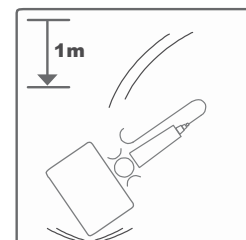
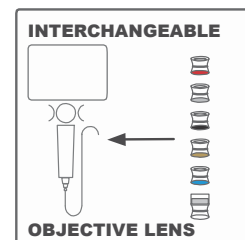
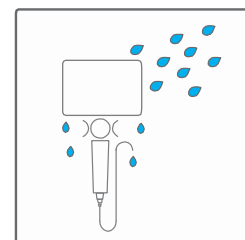
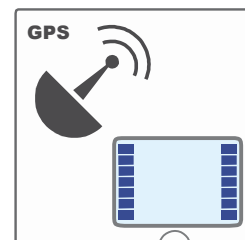
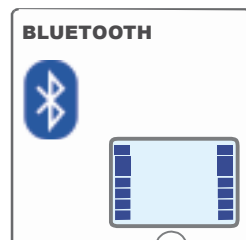
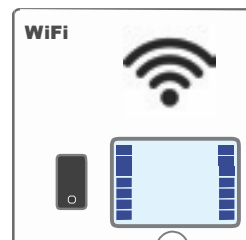
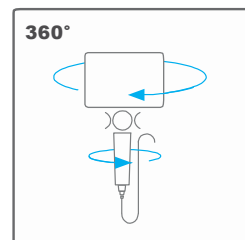
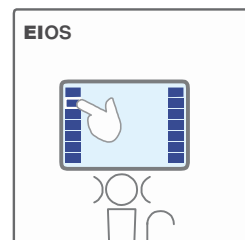
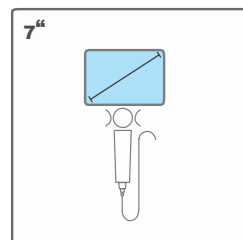


THE NEW PRO-SERIES



iRIS PRO

THE NEW COMPACT AND PORTABLE VIDEOSCOPE SYSTEM



IRIS PRO

Display size:	7.0"
Display resolution:	1280 x 800 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

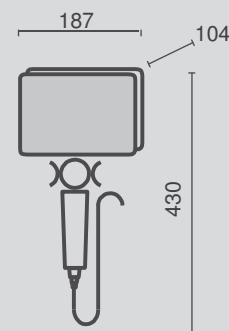
Method:	Comparative Measurement
---------	-------------------------

ILLUMINATION

Typ	High-power LED with fiber optic 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 (+/- depends 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 H ₂ O
Resistance:	Probe and distal End to oils and saline (5%)



IRIS 7 PRO

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	●	●	●

IRIS X PRO

Sensor	AIT Advanced Image Sensor			
PROBES (mm)	2,4	3,0	4,0	6,0
Working length (m)	1,0 - 3,0	1,0 - 1,5	1,0 - 3,0	1,0 - 7,5
Articulation (2-way/4-way)	2-way	2-way	4-way	4-way
Integrated objective lens	●	●	●	●
Side view tip adapter	-	-	-	●
Side view option	●	●	●	●

IRIS 7 PRO

Focusable and interchangeable objectives lens and side view tip adapters

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

DOV = Direction of view CF = Close focus FOV = Field of view FF = Far focus DOF = Depth of focus B = Bright objective lens SVTA = Side view tip adapter (90°DOV) **Compatible to FOV60°

TECHNICAL DATA

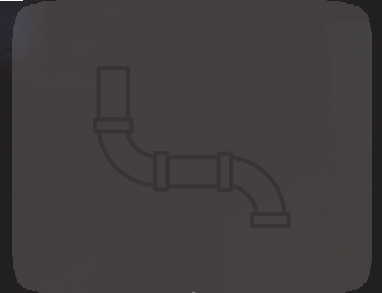
IRIS **7** PRO / IRIS **X** PRO

Special solutions on request

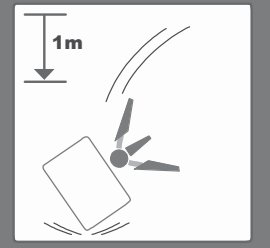
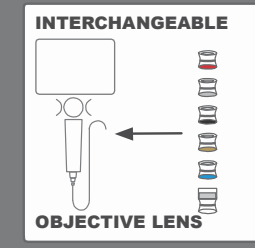
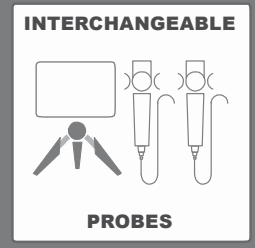
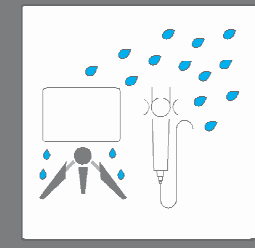
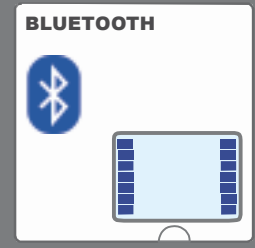
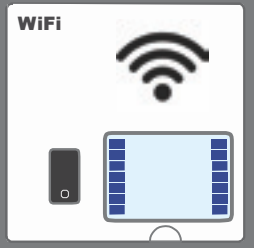
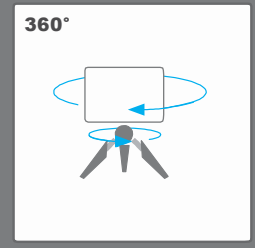
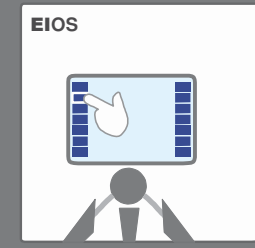
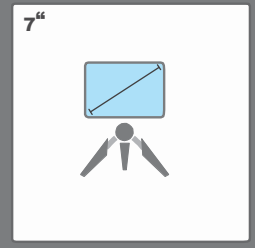
- Working lengths ● Equipment ● Sensor ● Illuminations ● Functions
- Adaptation to your application



THE NEW PRO-SERIES



iCAPTURE PRO / iLED PRO / XLED PRO MODULAR VIDEOSCOPE SYSTEMS WITH INTERCHANGEABLE PROBES



iCAPTURE PRO

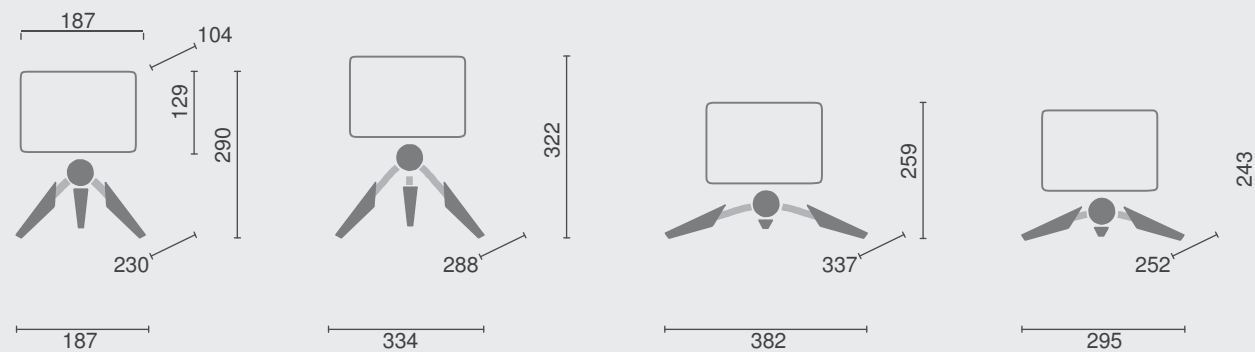
Display size:	7.0"
Display resolution:	1280x800 pixel
Operating system:	EIOS (Endoscopic Imaging Operation System)
interface:	USB
Power supply, primary:	Rechargeable Li-ion battery Power
supply, secondary:	12 V adapter (optional accesorys)
Storage:	intern 16GB / USB (16GB in delivery)
Video format:	MPEG4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

IMAGE ANALYSIS

Method:	Comparative Measurement
---------	-------------------------

OTHER DATA

Ergonomics:	schwenkbar
Weight:	1.28Kg
Dimensions:	see below
Housing:	Rugged PU with rubber shock protection
System operating temperature:	-25°C to +46°C
Storage temperature:	-25°C to +60°C
Relative humidity:	95% less than - non condensing



iLED PRO

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	●	●	●

XLED PRO

Sensor	AIT Advanced Image Sensor			
PROBES (mm)	2,4	3,0	4,0	6,0
Working length (m)	1,0 - 3,0	1,0 - 1,5	1,0 - 3,0	1,0 - 7,5
Articulation (2-way/4-way)	2-way	2-way	4-way	4-way
Integrated objective lens	●	●	●	●
Side view tip adapter	-	-	-	●
Side view option	●	●	●	●

XLED 3

Sensor	AIT Advanced Image Sensor	
PROBES (mm)	3,0	4,0
Working length (m)	1,0 - 1,5	1,0 - 3,0
Abwinklung (2-fach)	2-way	2-way
Integrated objective lens	●	●
Side view option	●	●

CONTACT RAY ARISS AT 949=232-5837

UV-ENDOSCOPES

iWC WORKING-CHANNEL-PROBES

LIGHTSOURCES

SPECIAL SOLUTIONS ON REQUEST

- Working lengths ● Equipment ● Sensor ● Illuminations ● Functions
- Adaptation to your application

Technical Data

iCAPTURE PRO / iLED PRO / XLED PRO / XLED 3

PRO

ITS VIDEOSCOPIES

TEL" 949-232-5837 | FAX 818-575-9545 | RAY@ITSVIDEOSCOPIES.COM | ITSVIDEOSCOPIES.COM