



TOOLS

# VIDEOSCOPE IRIS PRO MIL

High-quality, high-resolution search  
videoscope for easy inspection of  
hard-to-reach places in luggage,  
vehicles, buildings, etc.

[forceware.de](http://forceware.de)



# VIDEOSCOPE IRIS PRO MIL

High-quality, high-resolution search videoscope for easy inspection of hard-to-reach places in luggage, vehicles, buildings, etc.

The iRis PRO MIL is dedicated to search for suspicious items (e.g. IEDs or bugs) and contrabands in luggage, hidden areas of cars, buildings etc. Extremely compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRis PRO MIL Videoscope System. Only little efforts and iRis PRO MIL is ready for use within seconds. You can move the distal end to any desired position fast, easy and precisely, thanks to the approved tactile 2 and 4-way articulation of up to 360°. The high-resolution CCD sensor in combination with the high brightness of the exchangeable LED light source (attached to the scope handle) guarantee, that you don't miss any detail on the 7 inches high resolution touch display. Possible types of light are infrared light (IR) and white light.

The integrated, exchangeable and rechargeable high-power batteries assure 2 hours of operating time. The balanced handle - designed for real-handed operation - allows long and effortless working. With possible diameters 6 mm and 8 mm (0.24 in and 0.31 in) and lengths from 1.5 m to 7.5 m (4.92 ft to 24.6 ft) the iRis PRO MIL leaves nothing to be desired. The iRis PRO MIL Inspection System is a "ready-to-go" Video Kit which includes the iRis PRO MIL Inspection System and all necessary basic accessories (one battery, charger and neck-holder. It comes in iRis Case (up to 5 m / 16.4 ft probe length) or iCaseplus (from 6 m / 19.7 ft probe length).

- ✓ 7 in touch display
- ✓ Interchangeable special light source (e.g., infrared light (IR) or white light)
- ✓ 4-way articulation (noiseless and tactile), 360° control
- ✓ Lenses: Integrated lens, DOV/FOV: 0°/90° (working distance = 5 mm-inf.)
- ✓ Image/video functionality for documentation
- ✓ Software: PRO Series software (incl. extensive scope settings)
- ✓ Connectivity: WiFi live stream
- ✓ Sensor: High resolution CCD Sensor  $\varnothing$  6 mm (0.24 in): color /  $\varnothing$  8 mm (0.31 in): black + white
- ✓ Power source: changeable + rechargeable Li-Ionen battery (+ 12V-adapter optional)
- ✓ Excellent image quality
- ✓ Ergonomic handle
- ✓ Made in Germany



# DATA SHEET

## Videoscope iRis PRO MIL

### TECHNICAL DATA

<b>Article number and sizes</b>	iRis Pro MIL 46-15, Probe diameter 6 mm (0.24 in), Probe length 1.5 m (4.92 ft) – 1190077-04 iRis Pro MIL 46-20, Probe diameter 6 mm (0.24 in), Probe length 2 m (6.56 ft) – 1190077-05 iRis Pro MIL 46-30, Probe diameter 6 mm (0.24 in), Probe length 3 m (9.84 ft) – 1190077-06 iRis Pro MIL 48-15, Probe diameter 8 mm (0.31 in), Probe length 1.5 m (4.92 ft) – 1190077-07 iRis Pro MIL 48-20, Probe diameter 8 mm (0.31 in), Probe length 2 m (6.56 ft) – 1190077-08 iRis Pro MIL 48-30, Probe diameter 8 mm (0.31 in), Probe length 3 m (9.84 ft) – 1190077-09
<b>Display size</b>	7.0 in (17.8 cm) touch display
<b>Display resolution</b>	1024 x 600 pixel
<b>Operating system</b>	EIOS (Endoscopic Imaging Operation System)
<b>Video interface</b>	USB
<b>Power supply, primary</b>	Rechargeable Li-ion battery
<b>Video format</b>	MPEG4 (.avi)
<b>Image format</b>	BMP (.bmp), JPEG (.jpg), PNG (.png)
<b>Storage</b>	intern 16 GB / USB (16 GB in delivery)
<b>Image sensor</b>	6 mm (0.24 in): 1/6 in High resolution colour Super HAD CCD image sensor 8 mm (0.31 in): 1/4 in Black & White Super-HAD CCD image sensor
<b>Light source</b>	Interchangeable: White Light / High-power LED IR Infrared / High-power LED (940nm)
<b>Illumination control</b>	3 steps
<b>Probe Diameter</b>	6 mm / 8 mm (0.24 in / 0.31 in)
<b>Working length</b>	1.5 m to 7.5 m (4.92 ft to 24.6 ft)

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## Videoscope iRis PRO MIL

### TECHNICAL DATA

Articulation (bending neck)	4 way
Integrated objective lens	Integrated lens, DOV/FOV: 0°/90° (working distance = 5 mm-inf.)
Tip operating temperature	-25° C to +80° C / 140° C less than 5 minutes, Controlled by temperature sensor
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 / 10.2 m H2O (14.50 psi / 33.5 ft H2O)
Resistance	Probe and distal End to oils and saline (5%)
Ergonomics	± 90° rotatable display, alt. ±90° rotatable handle
Weight device	1.65 kg (3.64 lbs), +/- deponce on probe diameter and working length
Weight light source	120 g (0.26 lbs)
Device dimensions (without probe)	430 mm x 187 mm x 104 mm (16.93 in x 7.36 in x 4.09 in)
Housing	Rugged PU with rubber shock protection

