



## Videoscope iRis DVR X

Article No.: 1190085



Extremely compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRis DVR X Videoscope System by Force Ware. Inspections in remote or inaccessible areas of the harsh industrial environments now are feasible in no time and with an undreamed easiness. Only little efforts and iRis DVR 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 4-way articulation of up to 180°. The high brightness of the LED light source guarantee, that you don't miss any detail on the 5" high resolution TFT display.

The integrated, changeable 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 diameters of 4.0 mm and 6.0 mm and lengths from 1.5 m to 7.5 m the iRis DVR X leaves nothing to be desired.

The iRis DVR X Inspection System is a “ready-to-go” Video Kit which includes the iRis DVR X Inspection System specified by articulation, diameter and working length of the following list and all necessary basic accessories, as one battery), Charger, Neck-Holder and Sunshield. It comes in iRis Case (up to 5 m probe length) or iCaseplus (from 6 m probe length, non IATA)

### Features

- Xtremely large display
- Xtremely economical
- Xtreme image technology
- Xtreme LED on the tip
- Xtremely fast and easy to use
- Xtremely long battery duration
- Xtremely transportable
- Xtreme 90° Side View Tip Adapter
- Made in Germany

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### Specifications

#### Operating unit

Display size:	5.0" (12.7 cm) TFT colour
Display resolution:	VGA (640x480 pixel)
Operating system:	Real-time operating system, with on-screen menu
User interface:	Direct action keys / function keys / arrow keys
Languages:	English, German, Polish, French, Spanish, Italian, Turkish
Video interface:	Composite video-out (BNC)
Power supply, prim.:	Rechargeable Li-ion battery (charger and battery included in kit)
Power supply, sec.:	12 V adapter (optional accessory)

#### Documentation

Video format:	MPEG4 (.avi) (with time and date stamp)
Image format:	BMP (.bmp) (with time and date stamp)
Storage:	SDHC memory card up to 32 GB (FAT32) (8 GB is included in kit)

#### Camera control

Image sensor:	Advanced chip on the tip image sensor
White balance:	Factory default or user defined

#### Image control

Zoom:	16 step digital zoom
Invert:	Horizontal and vertical image inversion
Brightness:	Adjustable
Contrast:	Adjustable
Colour:	Adjustable
Text annotation:	Built-in text overlay generator

#### Illumination

Type:	High-power LED (4 mm with fiber optics / 6 mm - LED on the tip)
Illumination control:	3 steps
Colour temperature:	approx. 6500 k
Average lamp lifetime:	approx. 5000 h

#### Probe

Diameter:	4.0 mm	6.0 mm
Working length:	(1.5 - 4.0 m)	(1.5 - 7.5 m)
Articulation (bending neck):	4-way / 360° control	4-way / 360° control
Integrated objective lens:	90° FOV	90°FOV
Side view tip adapter:	No	Yes
Braid:	Multi-layer tungsten braid on PU jacket	

#### Construction

Ergonomics:	± 90° rotatable display unit, alt. ±90° rotatable scope handle
System weight:	1.35 kg
Dimensions:	180 mm x 105 mm x 45 mm
Housing:	Rugged PU, with integrated rubber shock caps



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### Operating environment

Tip operating temperature: -25°C to +80°C  
 System operating temperature: -25°C to +46°C  
 Storage temperature: -25°C to +60°C  
 Relative humidity: 95% max. - non condensing  
 Waterproof: Probe and distal end up to 1 bar  
 Resistance: Probe and distal end to oils and saline (5 %)  
 Carrying Case: 508 mm x 373 mm x 147 mm / 4,5 kg

Country of Origin: Germany

### Available Models

Model	Probe Diameter (mm)	Probe Lenth (m)	Article No.
iRis DVR X 4-4-150	4	1.5	1190085-01
iRis DVR X 4-4-200	4	2.0	1190085-02
iRis DVR X 4-4-300	4	3.0	1190085-03
iRis DVR X 4-6-150	6	1.5	1190085-04
iRis DVR X 4-6-200	6	2.0	1190085-05
iRis DVR X 4-6-300	6	3.0	1190085-06
iRis DVR X 4-6-400	6	4.0	1190085-07
iRis DVR X 4-6-500	6	5.0	1190085-08
iRis DVR X 4-6-600	6	6.0	1190085-09
iRis DVR X 4-6-750	6	7.5	1190085-10