

Videoscope iRis DVR XT

Art.-No.: 1190080



iRis XT – The Contraband Search Scope

Extremely compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRis XT Videoscope System by Force Ware.

The iRis XT is dedicated to search for contrabands in hidden areas of cars, buildings and other devices. The insertion tube is gasoline and fuel resistant and allows the user to ground the iRis with the inspection area.

Only little efforts and iRis XT 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 brightness of the LED light source (inside the scope handle) 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 possible diameters 4, 6 and 8 mm and lengths from 1.5 m to 7.5 m the iRis XT leaves nothing to be desired.

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

Features

- Contraband Search Scope
- Rotatable Monitor
- Gasoline and Fuel resistant
- Excellent image quality
- Special isolated videoprobe
- Ergonomic handle
- Noiseless articulation control
- Bright and high-contrast display
- 5" high-resolution display
- Made in Germany

Force Ware GmbH, Arbachtalstr. 10, 72800 Eningen, Germany
 Tel.: +49 7121 420318 • Fax: +49 7121 420319
 info@forceware.de • www.forceware.de





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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

Power supply, primary: Rechargeable Li-ion battery
 (charger and battery are provided in delivery set)

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 provided in delivery set)

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 with high transmission fiber optics
 Illumination control: 3 steps
 Colour temperature: approx. 6500 k
 Average lamp lifetime: approx. 5000 h

Probe

Diameter: 4, 6 and 8 mm
 Working length: 1.5 to 7.5 m
 Articulation (bending neck): 4-way
 Integrated objective lens: 90° FOV
 Braid: Multi-layer tungsten braid on PU jacket

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 %)

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Carrying Case 508 mm x 373 mm x 147 mm / 4.5 kg (version 6 mm / 2 m)

Certification UL certified for use in Class I, Division 2 Hazardous Locations based on it complying with the UL standards and requirements and was determined to be nonincendive equipment. *Nonincendive equipment is defined as "equipment having electrical/electronic circuitry that is not capable, under normal operating conditions, of causing ignition of a specified flammable gas-, vapor-, dust-air mixture fibers or flyings due to arcing or thermal means." See 3.21 of ISA 12.12.01:2013. iRIS XT 2-6-200 (CSECO)

Country of Origin: Germany

Available Models

Model	Probe Diameter (mm)	Probe Lenth (m)	Article No.
iRis DVR XT 4-4-150	4	1.5	1190080-10
iRis DVR XT 4-4-200	4	2.0	1190080-11
iRis DVR XT 4-4-300	4	3.0	1190080-12
iRis DVR XT 4-4-400	4	4.0	1190080-13

Model	Probe Diameter (mm)	Probe Lenth (m)	Article No.
iRis DVR XT 4-6-150	6	1.5	1190080-01
iRis DVR XT 4-6-200	6	2.0	1190080-02
iRis DVR XT 4-6-300	6	3.0	1190080-03
iRis DVR XT 4-6-400	6	4.0	1190080-04
iRis DVR XT 4-6-500	6	5.0	1190080-05
iRis DVR XT 4-6-600	6	6.0	1190080-06
iRis DVR XT 4-6-750	6	7.5	1190080-07