



TOOLS

VIDEOSCOPE IRIS XT

High-quality contraband search
videoscope for easy inspection of
hard-to-reach places in vehicles
(including fuel tank), luggage, buildings

forceware.de



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High-quality contraband search videoscope for easy inspection of hard-to-reach places in vehicles (including fuel tank), luggage, buildings

The iRIS XT by Force Ware is dedicated to search for contrabands in hidden areas of cars, buildings and other devices. The probe is fuel resistant and allows the user to ground the iRIS XT. Extremely compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRIS XT Videoscope System.

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 mm, 6 mm and 8 mm (0.16 in, 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 XT leaves nothing to be desired.

The iRIS XT 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 (such as 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.

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



DATA SHEET

Videoscope iRis XT

TECHNICAL DATA

| | |
|---------------------------------|---|
| Article number and sizes | iRis XT 4-4-150, Probe diameter 4 mm (0.16 in), Probe length 1.5 m (4.92 ft) – 1190080-10 iRis XT 4-4-200, Probe diameter 4 mm (0.16 in), Probe length 2 m (6.56 ft) – 1190080-11 iRis XT 4-4-300, Probe diameter 4 mm (0.16 in), Probe length 3 m (9.84 ft) – 1190080-12 iRis XT 4-4-400, Probe diameter 4 mm (0.16 in), Probe length 4 m (13.1 ft) – 1190080-13 iRis XT 4-6-150, Probe diameter 6 mm (0.24 in), Probe length 1.5 m (4.92 ft) – 1190080-01 iRis XT 4-6-200, Probe diameter 6 mm (0.24 in), Probe length 2 m (6.56 ft) – 1190080-02 iRis XT 4-6-300, Probe diameter 6 mm (0.24 in), Probe length 3 m (9.84 ft) – 1190080-03 iRis XT 4-6-400, Probe diameter 6 mm (0.24 in), Probe length 4 m (13.1 ft) – 1190080-04 iRis XT 4-6-500, Probe diameter 6 mm (0.24 in), Probe length 5 m (16.4 ft) – 1190080-05 iRis XT 4-6-600, Probe diameter 6 mm (0.24 in), Probe length 6 m (19.7 ft) – 1190080-06 iRis XT 4-6-750, Probe diameter 6 mm (0.24 in), Probe length 7.5 m (24.6 ft) – 1190080-07 |
| Display size | 5.0 in (12.7 cm) TFT color |
| Display resolution | VGA (640 x 480 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, primary | Rechargeable Li-ion battery (charger and battery are provided in delivery set) |
| Video format | MPEG4 (.avi) (with time and date stamp) |
| Image format | BMP (.bmp) (with time and date stamp) |

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|------------------------------------|--|
| Storage | SDHC memory card up to 32 GB (FAT32) (8 GB provided in delivery) |
| Image sensor | Advanced chip on the tip image sensor |
| White balance | Factory default or user defined |
| Zoom | 16 step digital zoom |
| Invert | Horizontal and vertical image inversion |
| Brightness | Adjustable |
| Contrast | Adjustable |
| Color | Adjustable |
| Text annotation | Built-in text overlay generator |
| Light source | High-power LED with high transmission fiber optics |
| Illumination control | 3 steps |
| Color temperature | approx. 6500 k |
| Average lamp lifetime | approx. 5000 h |
| Probe | Light Transmission Fiberoptics |
| Probe Diameter | 4 mm, 6 mm and 8 mm (0.16 in, 0.24 in and 0.31 in) |
| Working length | 1.5 m to 7.5 m (4.92 ft to 24.6 ft) |
| Articulation (bending neck) | 4-way |
| Integrated objective lens | 90° FOV |

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| | |
|------------------------------|--|
| 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 (14.50 psi) |
| Braid | Multi-layer tungsten braid on PU jacket |
| Resistance | Probe and distal end to oils and saline (5 %) |
| Ergonomics | ± 90° rotatable display unit, alt. ±90° rotatable scope handle |
| System weight | 1.35 kg (2.98 lbs) |
| Dimensions | 18 cm x 10.5 cm x 4.5 cm (7.09 in x 4.13 in x 1.77 in) |
| Housing | Rugged PU, with integrated rubber shock caps |

