

**iCase und iCase+ :**

Purpose Designed "Roll Along" Transportation, Storage and Operating Cases.

More than accessories, these cases transform an excellent industrial video inspection tool into an intelligent inspection system. The outside shell is watertight, heatresistant, extremely lightweight and virtually indestructible. The neat interior features a very practical iSeries Videoscope storage system that reduces the possibility of scope damage during setup and disassembly.



**iTool System** is delivered with :

- Complete iTool Video Imaging Hub Set
  - CompactFlash Card, Head Set, USB cable, Video Cable,
  - Videoscope connection cable, 12V AC adapter,
  - CD with Image Base Pro Database Software, User Manual
- iSeries Videoscope with tip adapters

Model	Probe ø (*) Diameter	Working length	Articulation	Articulation angle	Field of View	Direction of View	Side View Tip	Video system	Tube Braid	System Case	iCase	iCase+
<b>6m - long</b>												
i-6-600	6.0 mm •	6.0 m	none	0°	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i-6-800	6.0 mm •	8.0 m	none	0°	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
i-6-1200	6.0 mm •	12.0 m	none	0°	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
i-6-1500	6.0 mm •	15.0 m	none	0°	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
<b>6mm - 4-way</b>												
i4-6-150	6.0 mm •	1.5 m	4-way	+/- 100° L/R 160° U / 130° D	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-6-200	6.0 mm •	2.0m	4-way	+/- 100° L/R 160° U / 130° D	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-6-300	6.0 mm •	3.0 m	4-way	+/- 100° L/R 160° U / 130° D	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-6-600	6.0 mm •	6.0 m	4-way	+/- 90° L/R 90° U / 90° D	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-6-750	6.0 mm •	7.5 m	4-way	+/- 90° L/R 90° U / 90° D	58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
<b>8mm - long</b>												
i-8-600	8.0 mm #	6.0 m	none	0°	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i-8-800	8.0 mm #	8.0 m	none	0°	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
i-8-1200	8.0 mm #	12.0 m	none	0°	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
i-8-1500	8.0 mm #	15.0 m	none	0°	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■
<b>8mm - 2-way</b>												
i2-8-100	8.0 mm #	1.0 m	2-way	L/R 180°	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
<b>8mm - 4-way</b>												
i4-8-150	8.0 mm #	1.5 m	4-way	+/- 100° L/R 160° U / 130° D	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-8-200	8.0 mm #	2.0 m	4-way	+/- 100° L/R 160° U / 130° D	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-8-300	8.0 mm #	3.0 m	4-way	+/- 100° L/R 160° U / 130° D	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-8-600	8.0 mm #	6.0 m	4-way	+/- 90° L/R 90° U / 90° D	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■	■	■
i4-8-750	8.0 mm #	7.5 m	4-way	+/- 90° L/R 90° U / 90° D	28°/58°/90°	0°/90°	Yes	PAL/NTSC	Tungsten	■		■

(\*) - ø Notes = • (0-236) in # (0-315) in

Dieser Katalog entspricht dem Stand zur Zeit der Drucklegung. IT Concepts GmbH übernimmt keine Haftung für Druckfehler. Design und technische Änderungen vorbehalten. Nachdrucke und fotomechanische Vervielfältigungen oder die Wiedergabe von Ausschnitten sind nur mit Genehmigung der IT Concepts GmbH gestattet.

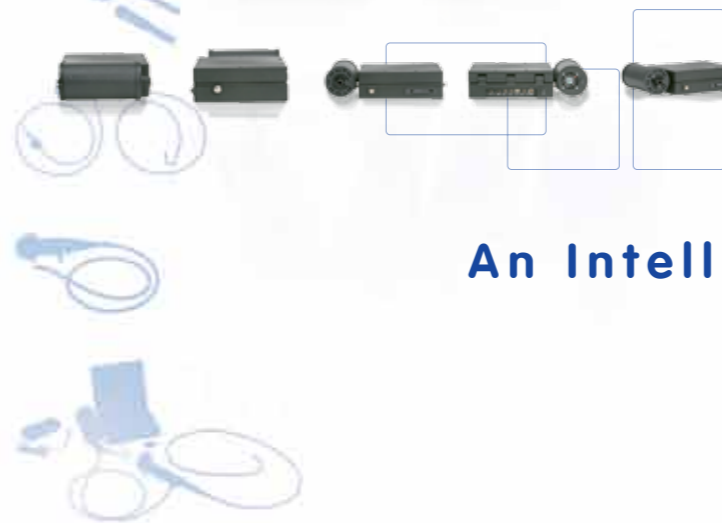
**C o n t a c t**

IT Concepts GmbH  
Gewerbestr. 17  
D - 3 5 6 3 3 L a h n a u

Tel.: +49 (0) 6441 679299 - 0  
Fax : +49 (0) 6441 679299 - 99

[ www.itcworld.de ]  
info@itcworld.de

ITC\_CAT\_ITool\_EN\_01\_04/09



**iTool™ System**

**An Intelligent Inspection System**

- Easily transported
- Uncomplicated to setup
- Straightforward to use
- Robust and reliable

# iTool™ Video Imaging Hub



## iTool :

- Weight 2.5 kg (5.51 lb)
- Metal Halide lamp technology
- CompactFlash® digital storage media
- 12V DC Power Belt option
- On screen text generator
- Audio recording capability

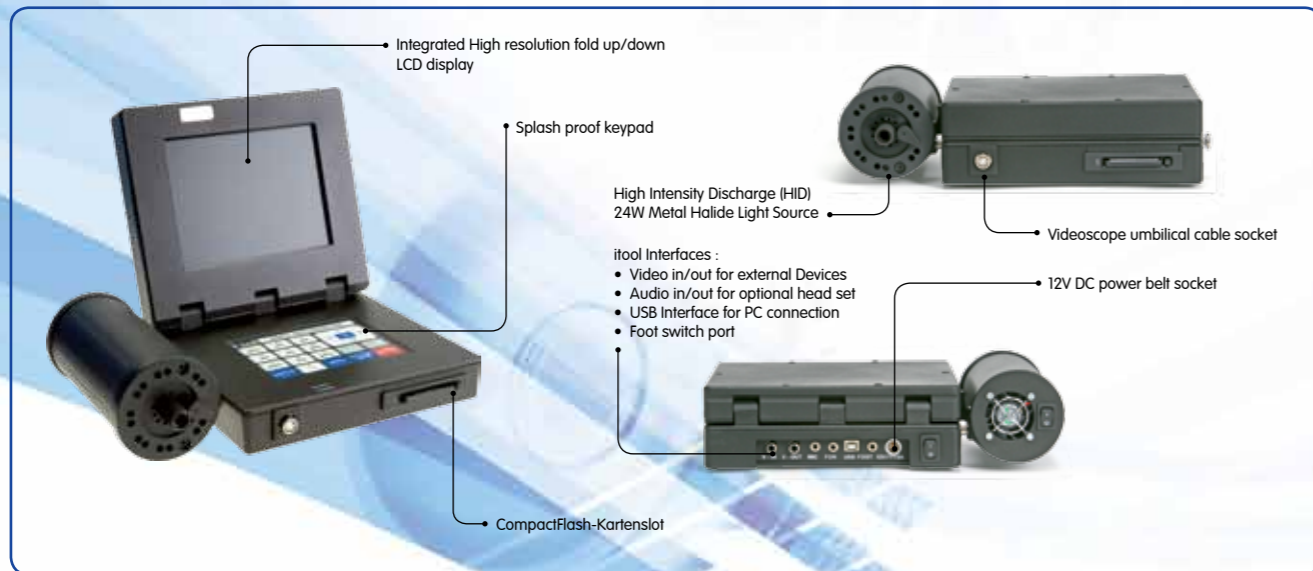
## iTool Video Imaging Hub :

The iTool Video Imaging Hub is the heart of each iTool inspection system and combines illumination, image control and management functions.

With the iTool images can be viewed, marked with the on screen text generator and quickly saved with ease. Onboard digital storage media or the iTool's USB interface can be used to transfer images to a PC.

This remarkably small base unit can be used either in an iCase or remotely at the inspection site.

The iTool has an all metal frame construction which provides the structural strength required for everyday use in the industrial work environment.



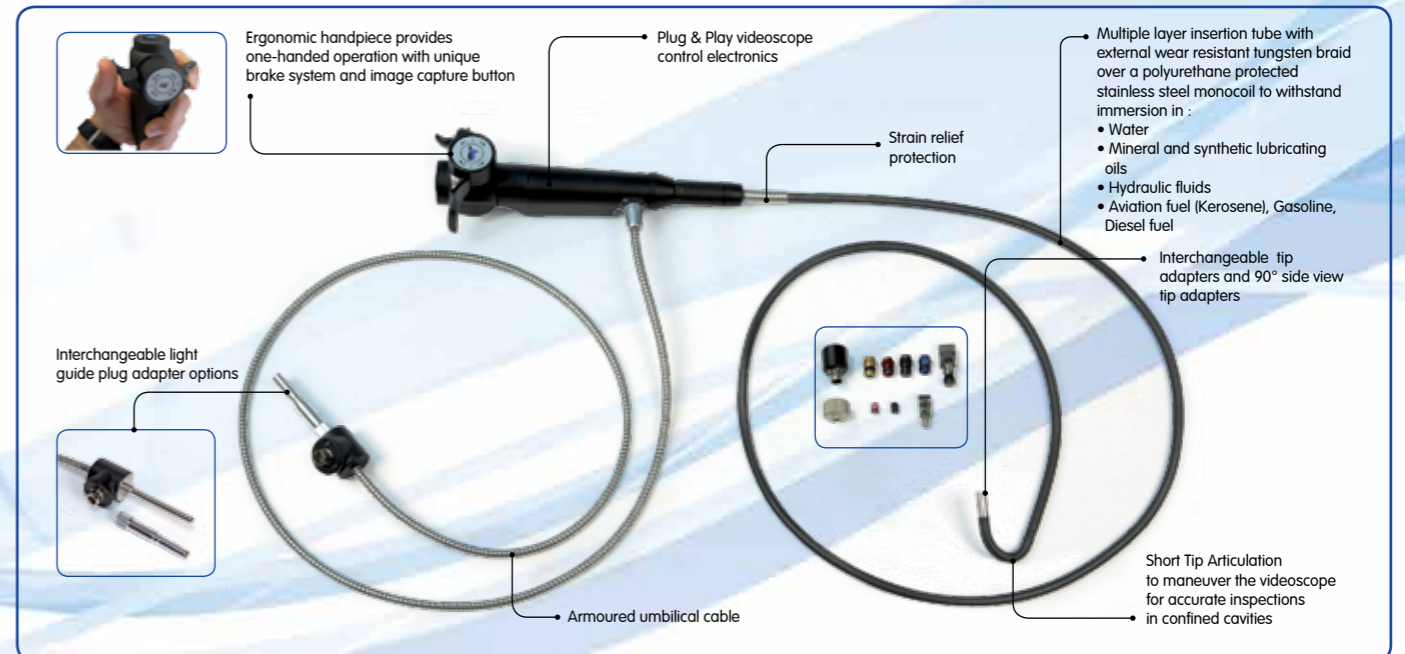
## iSeries Videoscopes :

A Sony Super HAD<sup>1</sup> CDD<sup>2</sup> image sensor is the vital center of every iSeries Videoscope providing unsurpassed resolution and image clarity.

All iSeries Videoscopes feature in-the-handpiece camera control electronics which means many different Videoscopes can be used with the same Video Imaging Hub.

Interchangeable objective lenses with multiple field of view, depth of field and light gathering combinations make iSeries Videoscopes suitable for practically any application. All iSeries Videoscope objective lenses fit securely into the scope's distal head without increasing its overall length. This is particularly valuable when the scope needs to be articulated through tight bends in tubes or pipes.

The mechanical construction blueprint for iSeries Videoscopes is based on over a decade of experience building RVI<sup>3</sup> tools that are comfortable to use and capable of withstanding the rigors of the industrial working environment.



# iSeries™ Videoscopes



## iSeries:

- Lengths from 1.0m (3.3 ft) to 15.0m (49.2 ft)
- Diameters of 6.0mm (0.236 in) and 8.0mm (0.315 in)
- 2-way and 4-way articulation
- Convenient handpiece image capture control
- Interchangeable objective lenses and viewing adapters
- Tough insertion tubes that will withstand immersion in water, mineral and synthetic lubricating oils, and hydraulic fluids, aviation fuel, kerosene, gasoline and diesel fuel.

1- Super HAD (Hole-Accumulation Diode) is a trademark of Sony Corporation  
 2- Charge-Coupled Device  
 3- Remote Visual Inspection