



ITool™ System

An Intelligent Inspection System

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



iTool™ Video Imaging Hub

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.

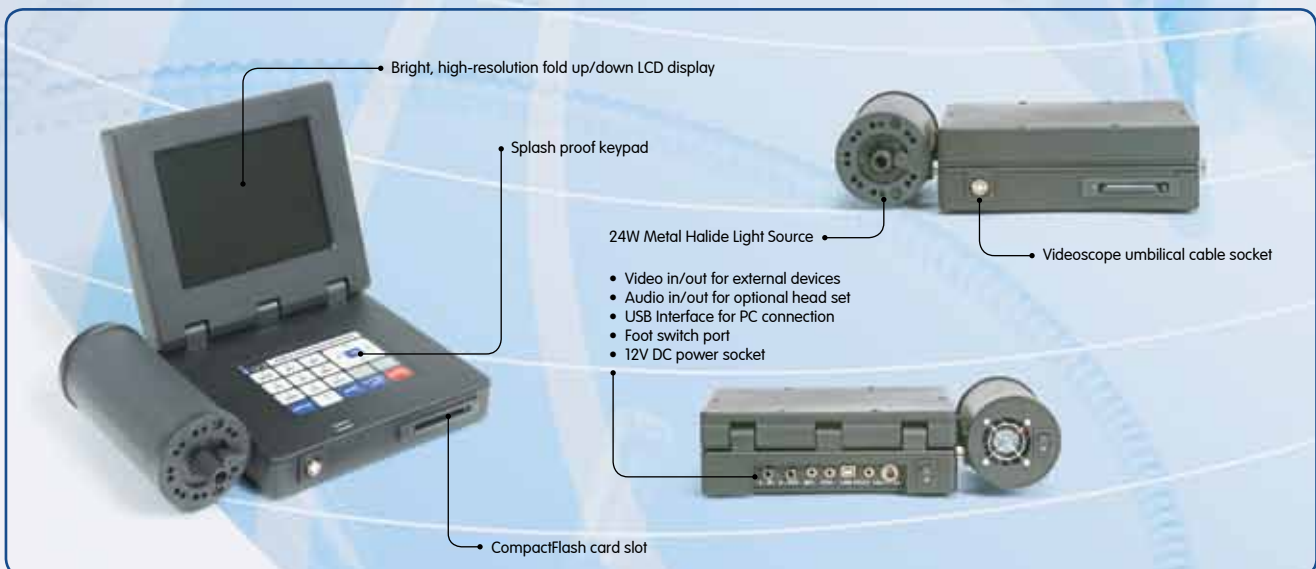
This remarkably small base unit can be used either in an iCase or remotely at the inspection site.

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



iTool :

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





iSeries™ Videoscopes

iSeries Videoscopes deliver high-resolution images rich in form and detail.

A Sony Super HAD¹ CCD² 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.

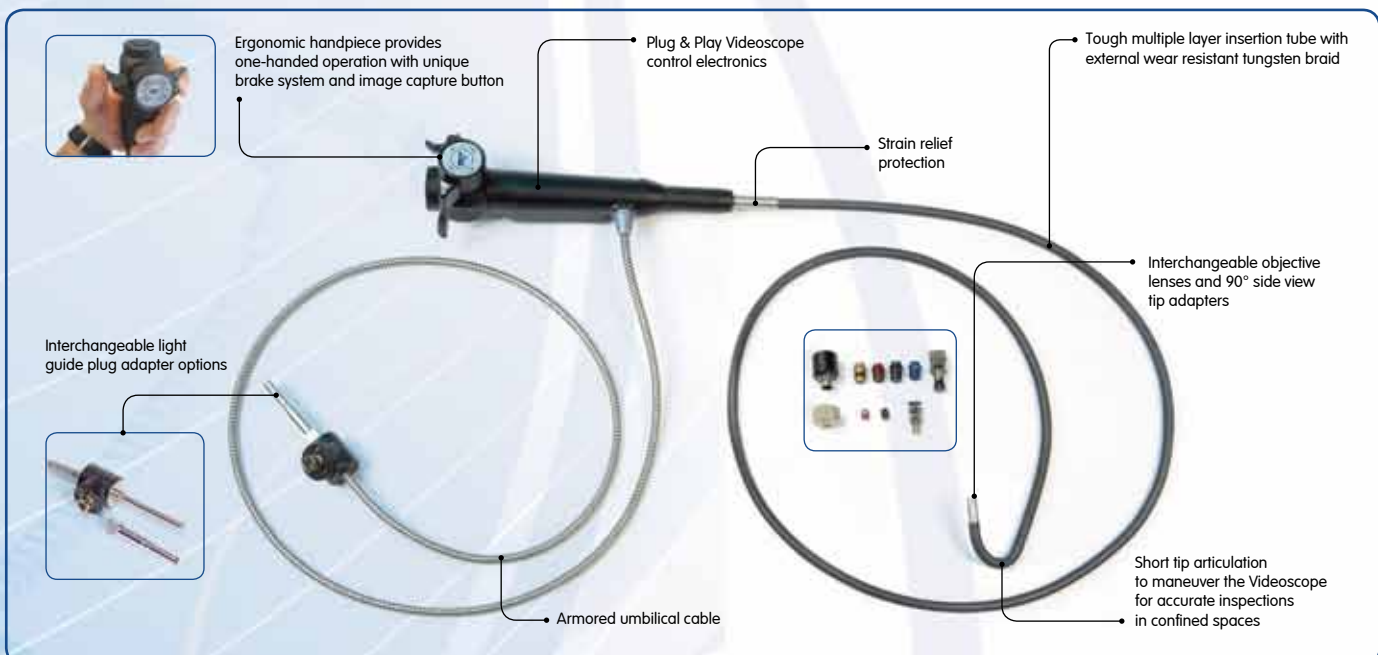
Interchangeable objective lenses with multiple field of view, depth of field and light gathering combinations make iSeries Videoscopes suitable for practically any application. All iSeries Videoscope objective lenses fit securely into the scope's distal head without increasing its overall length. This 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 RVI³ tools that are comfortable to use and capable of withstanding the rigors of the industrial working environment.



iSeries Videoscopes :

- Lengths from 1.0m (3.3 ft) to 15.0m (49.2 ft)
- Diameters of 4.0mm (0.157 in), 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
- Insertion tubes withstand immersion in water, mineral and synthetic lubricating oils and hydraulic fluids, aviation fuel, kerosene, gasoline and diesel fuel.



Notes : ⁱ for Inspection - iTool, iSeries, iCase and iCase+ are trademarks of IT Concepts, LLC. CompactFlash is a registered trademark of SanDisk Corporation. Specifications subject to change without notice. Product images, including color may differ from actual product appearance.

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

iCase™ and iCase+™

iCase and 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, heat-resistant, 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.



iSeries™ Videoscope Models

Videoscope Model	Diameter	Working Length	Articulation	Articulation Range	Field of View	Side View Tip	Video System	iCase	iCase+
4mm									
i2-4-150	4.0mm (0.157 in)	1.5m (4.9 ft)	2-way	120° U/D	60°	Yes	PAL/NTSC	■	
i2-4-200	4.0mm (0.157 in)	2.0m (6.6 ft)	2-way	120° U/D	60°	Yes	PAL/NTSC	■	
i2-4-300	4.0mm (0.157 in)	3.0m (9.8 ft)	2-way	120° U/D	60°	Yes	PAL/NTSC	■	
6mm - long									
i-6-600	6.0mm (0.236 in)	6.0m (19.7ft)	none	0°	58°/90°	Yes	PAL/NTSC	■	■
i-6-800	6.0mm (0.236 in)	8.0m (26.3 ft)	none	0°	58°/90°	Yes	PAL/NTSC		■
i-6-1200	6.0mm (0.236 in)	12.0m (39.4 ft)	none	0°	58°/90°	Yes	PAL/NTSC		■
i-6-1500	6.0mm (0.236 in)	15.0m (49.2 ft)	none	0°	58°/90°	Yes	PAL/NTSC		■
6mm - 4-way									
i4-6-150	6.0mm (0.236 in)	1.5m (4.9 ft)	4-way	100° L/R, 160° U, 130° D	58°/90°	Yes	PAL/NTSC	■	■
i4-6-200	6.0mm (0.236 in)	2.0m (6.6 ft)	4-way	100° L/R, 160° U, 130° D	58°/90°	Yes	PAL/NTSC	■	■
i4-6-300	6.0mm (0.236 in)	3.0m (9.8 ft)	4-way	100° L/R, 160° U, 130° D	58°/90°	Yes	PAL/NTSC	■	■
i4-6-600	6.0mm (0.236 in)	6.0m (19.7 ft)	4-way	90° L/R, 90° U/D	58°/90°	Yes	PAL/NTSC	■	■
i4-6-750	6.0mm (0.236 in)	7.5m (24.6 ft)	4-way	90° L/R, 90° U/D	58°/90°	Yes	PAL/NTSC	■	■
8mm - long									
i-8-600	8.0mm (0.315 in)	6.0m (19.7 ft)	none	0°	28°/58°/90°	Yes	PAL/NTSC	■	■
i-8-800	8.0mm (0.315 in)	8.0m (26.3 ft)	none	0°	28°/58°/90°	Yes	PAL/NTSC		■
i-8-1200	8.0mm (0.315 in)	12.0m (39.4 ft)	none	0°	28°/58°/90°	Yes	PAL/NTSC		■
i-8-1500	8.0mm (0.315 in)	15.0m (49.2 ft)	none	0°	28°/58°/90°	Yes	PAL/NTSC		■
8mm - 2-way									
i2-8-100	8.0mm (0.315 in)	1.0m (3.3 ft)	2-way	L/R 180°	28°/58°/90°	Yes	PAL/NTSC	■	■
8mm - 4-way									
i4-8-150	8.0mm (0.315 in)	1.5m (4.9 ft)	4-way	100° L/R, 160° U, 130° D	28°/58°/90°	Yes	PAL/NTSC	■	■
i4-8-200	8.0mm (0.315 in)	2.0m (6.6 ft)	4-way	100° L/R, 160° U, 130° D	28°/58°/90°	Yes	PAL/NTSC	■	■
i4-8-300	8.0mm (0.315 in)	3.0m (9.8 ft)	4-way	100° L/R, 160° U, 130° D	28°/58°/90°	Yes	PAL/NTSC	■	■
i4-8-600	8.0mm (0.315 in)	6.0m (19.7 ft)	4-way	90° L/R, 90° U/D	28°/58°/90°	Yes	PAL/NTSC	■	■
i4-8-750	8.0mm (0.315 in)	7.5m (24.6 ft)	4-way	90° L/R, 90° U/D	28°/58°/90°	Yes	PAL/NTSC	■	■

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