



# REMOTE VISUAL INSPECTION

Videoscope Systems

Customers Solution

Videoscopes from 3mm Ø

Flexible Endoscopes from 0.5 mm Ø

Rigid Endoscopes from 1.9 mm Ø

Application Consulting

Special Service Packages

Manufacturing and Service in Germany

## iTool DVR IWC **WORKING CHANNEL** Scalable

### Modular Videoscope System



## iTool DVR **UV** Illumination Scalable

### Modular Videoscope System



#### Video interface

Connectable to:    • iTool DVR    • iCapture DVR    • USB Frame Grabber    • Composite Video

#### Wechsel-Proben

Diameter:	4.0mm	6.0mm	8.0mm
Working length:	1.5m - 4.0m	1.5m - 15m	1.5m - 15m
Articulation:	4-way / 360°	4-way / 360°	4-way / 360°
Integrated objective:	x	-	-
Interchangeable Objectives:	-	x	x
Working channel (IWC)	-	-	x
UV version	-	x	x
Side view tip adapter:	o (**60° FOV)	x	x
Braid:	Multi-layer tungsten on PU jacket		
Tip operating temperature:	-13°F to 176°F (-25°C to +80°C) 140°C less than 5 Minutes		
System operating temperature:	-13°F to 115°F (-25°C to +46°C)		
Storage temperature:	-13°F to 140°F (-25°C to +60°C)		
Relative humidity:	95% less than - non condensing		
Waterproof:	Probe and distal End up to 1 bar- 10.2m H2O		
Resistance:	Probe and distal End to oils and saline (5%)		

#### Interchangeable Objectives and Side View Tip Adapter SVTA

Probe	DOV	FOV	DOF	CODE
4.0mm	0°	60°	7-50mm	
4.0mm	0°	60°	4-10mm	SD
4.0mm	0°	90°	15mm-∞	
4.0mm	0°	90°	10-30mm	SD
4.0mm**	90°	60°	5-45mm	SVTA
6.0mm	0°	60°	5mm-∞	BLACK
6.0mm	0°	60°	8mm-∞	YELLOW-B
6.0mm	0°	90°	5mm-∞	RED
6.0mm	0°	120°	3mm-∞	GREEN
6.0mm**	90°	60°	5-15mm	SVTA-CF
6.0mm**	90°	60°	15-50mm	SVTA-FF

Probe	DOV	FOV	DOF	CODE
8.0mm	0°	28°	25mm-∞	BLUE
8.0mm	0°	60°	5mm-∞	BLACK
8.0mm	0°	60°	8mm-∞	YELLOW-B
8.0mm	0°	90°	8mm-∞	SILVER-B
8.0mm	0°	90°	5mm-∞	RED
8.0mm**	90°	60°	5mm-∞	SVTA

DOV = Direction of view    CF = Close focus  
 FOV = Field of view    FF = Far focus  
 DOF = Depth of focus    B = Bright objective lens  
 SVTA = Side view tip adapter (90°DOV)  
 \*\*Compatible to FOV60°

## MADE IN GERMANY

IT Concepts designs and manufactures worldwide with over 500 highly qualified and motivated employees electronic and optomechanical assembly groups and systems.

The product range extends from individual components for industrial and medical endoscopes over to video endoscopic systems and solutions for Remote Visual Inspection and Security.

For more than 10 years IT Concepts develops and produces all endoscopes „Made in Germany“ at the European headquarters Lahnau near Wetzlar, the City-of-Optics.

The top priority for the entire team in Lahnau is to provide customers with expertise and excellent service

Address: 15, Jalan 8/23A, Taman Danau Kota,  
Setapak, 53300 Kuala Lumpur.

Email: [sales@vinten-solutions.com](mailto:sales@vinten-solutions.com)

Phone : (6012) 316 1605

FAX : (603) 4131 2459

WhatsApp : <https://wasap.my/60123161605>

IT Concepts GmbH  
Gewerbestr. 17  
35633 Lahnau  
Germany

Tel. + 49 6441 679 299 0  
Fax + 49 6441 679 299 99  
Mail [info@itcworld.com](mailto:info@itcworld.com)