



# iTool DVR expandable Modular Videoscope System



iTool DVR

Modular documentation unit  
Extrem flexible in use  
High resolution monitor

Station or portable  
Interchangeable probes and cameras



iSeries

**INTERCHANGEABLE PROBES**

**INTERCHANGEABLE OBJECTIVES**

### Model

Connectable to:  
iSeries Videoproben  
iWC Working Channel  
UV Proben  
Cube Cam (Faser- und Starres Endoskop)  
X-LED Videoproben

### Device

Display size: 7" TFT Colour  
Display resolution: VGA (640x480 Pixel)  
Operating system: Realtime operating system, with on-screen menu  
Direct action keys / function keys / arrow keys  
Language: English, German, Polish, French, Spanish, Italian, Turkish  
Video interface: Composite Video-out, Composite Video-in, S-Video-in  
Audio interface: 3.5mm Audio-in / Audio-out

Power supply, primary: 12V via AC-Adapter  
Power supply, secondary: 12V via Batterie Belt

### Image analysis

Method: Comparative Measurement

### Storage

Video format: MPEG4 (.avi) (with time and date stamp)  
Image format: BMP (.bmp) (with time and date stamp)  
Storage: SD-HC-Memory card up to 32GB (FAT32)

### Camera settings

Functions: White balance, AGC level, Gamma, Shutter, Gain Control

### Image control

Functions:  
- 16 steps digital zoom  
- Horizontal and vertical image inversion  
- Brightness  
- Contrast  
- Colour

Text annotation: Built-in text overlay generator

### Illumination

Type: 24Watt Metal Halide  
Illumination control: stepless/manual  
Colour temperature: approx. 6000k  
Average lamp lifetime: approx. 500h

### Device

Weight: 2,25kg Device / 9,2kg incl. Probe and Case  
Dimensions: 290mm x 190mm x 70mm  
Housing: Rugged PU  
Frame: Aluminium  
Tip operating temperature: 14°F to 176°F (-10°C to +80°C)  
System operating temperature: -13°F to 113°F (-25°C to +45°C)  
Storage temperature: -13°F to 113°F (-25°C to +45°C)  
Relative humidity: 95% less than - non condensing

[Interchangeable Probes](#) →