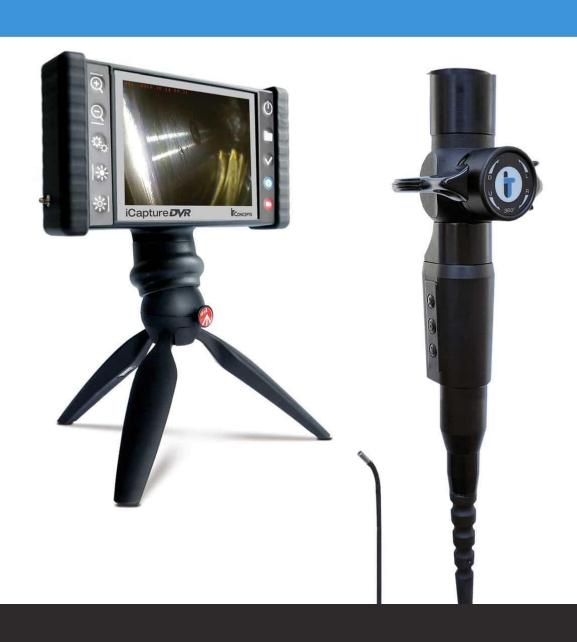


LED

Modular Videoscope System



Interchangeable Videoscope Excellent image quality Integrated LED Precise and tactile articulation control

Interchangeable lenses
Ergonomic handle
High Resolution 5" LCD
Temperature resistant up to 140 degree



- Variable video interface
- Compact and versatile
- Water & dust resistant
- Easy to carry, easy to setup, light in weight
- Compact case IATA standard

Ob	jective				
Р	ROBE	DOV	FOV	DOF	CODE
4	.0mm	0°	60°	7-50mm	
4	.0mm	0°	90°	15mm-∞	
4	.0mm**	90°	60°	5-45mm	SVTA
Interchangeable Objective					
Р	ROBE	DOV	FOV	DOF	CODE
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
Р	ROBE	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

Display:

Operating system:

User interface:

Languages:

Video interface: Power supply, primary:

Power supply, secondary:

Image format:

Saving/recording: Video recording Direct image capturing / Freeze modus Video format: (with time and date stamp) BMP (.bmp) (with time and date stamp) Could be converted to JPG at PC SDHC memory card up to 32GB (FAT32) Storage: 8GB /SDHC in device when delivered

5.0" (12.7cm) TFT colour/nonreflecting

Direct action keys / function keys /

English, German, Polish, French,

Real-time operating system,

with on-screen menu

Spanish, Italian, Turkish

Composite video-out (BNC)

Rechargeable Li-ion battery

Operating time more than 2 h

12V adapter (optional accessory)

Method

Inegration modes:

White balance: AGC level (gain control): Gamma:

Zoom: Invert: **Brightness:** Contrast: Colour: Text annotation:

Ergonomics: System weight: **Dimensions:**

Comparative Measurement

automatic frame integration standard / manuell / short / long Factory default or user defined Adjustable

Adjustable

3.5X / 16 step variable

Horizontal and vertical image inversion

Adjustable Adjustable Adjustable

Built-in text overlay generator

rotatable display unit 1,12kg

205mm X 180mm X 70mm

Rugged PU,

with integrated rubber shock caps

System operating temp.: Storage temperature: Protection Class:

Relative humidity:

Sensor image:

Braid:

Resolution:

Diameter: 4.0 mm 4.9 - 13.1ft Working length: (1.5 - 4.0 m) Articulation (bending neck): 4-way / 360° Integrated objective lens: Side view tip adapter: Multi-layer tungsten braid on PU jacket

Interchangeable Objective Lens: X Side View Tip Adapter:

Multi-layered tungsten braid Protection Class:

-13°F to 115°F (-25°C to +50°C)

-13°F to 140°F (-25°C to +60°C)

High Resolution 1/6" Image Sensor

6.0 mm

4.9 -13.1ft

(1.5 - 7.5 m)

8.0 mm

4.9 - 13.1ft

(1.5 - 7.5 m)

4-way / 360°

total 752 x 582 px / 440.000 pxls

95% max. - non condensing

Tip:

Average lamp lifetime:

Tip operating temperature:

Storage temperature: Relative humidity: Protection Class: Waterproof:

Resistance:

High Power LED approx. 15.000 h

-13°F to 176°F (-25°C to +80°C) (284°F/140°C less than 5 Minutes) -13°F to 140°F (-25°C to +60°C) 95% max. - non condensing IP 55 Probe and distal end up to 14.7 psi (1 bar- 10.2m H2O) Hydrostatic head of 5 meters

Probe and distal end to oils, saline (5%) and petroleum fluids

MADE IN GERMANY

IT Concepts designs and manufactures worldwide with over 500 highly qualified and motivated employees electronicle 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 headquaters 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

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