



1. TECHNICAL SPECIFICATIONS

External probe


Sensor size:	1/4in (CMOS), 300.000pxl
Max sensor resolution:	640x480pxl
Max sampling frequency:	30FPS/S
Colour depth:	24bit
Image focusing:	fixed (5cm ÷ 15cm) (2.0in ÷ 5.9in)
Image zoom:	1.0x ÷ 2.0x in steps of 0.2x
External probe length:	1m (39in)
Camera diameter:	6mm (0.2in)
Camera light:	4 white-light LEDs
Adjustment of brightness:	10 levels

2. GENERAL SPECIFICATIONS

Display

Characteristics:	colour, LCD-TFT, 3.5", 640x320pxl
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Power supply

Battery type:	1x3.7V rechargeable Li-ION battery, 2000mAh
Low battery indication:	symbol "  " on the display
Battery life:	approx. 5 hours (stand-by)
Recharging time:	approx. 8 hours (USB interface)

Mechanical characteristics

Dimensions (L x W x H):	250 x 100 x 95mm (10 x 4 x 4in)
Weight (battery included):	345g (12 ounces)
Mechanical protection:	IP54 (instrument), IP67 (external probe)

Interface

Video output:	PAL/NTSC
Power supply input:	mini USB (5VDC, 1000mA)

Climatic conditions

Operating temperature:	0°C ÷ 50°C (32°F ÷ 122°F)
Allowable relative humidity:	<85%RH
Storage temperature:	-20°C ÷ 60°C (-4°F ÷ 140°F)
Storage humidity:	<85%RH
Max operating altitude:	2000m (6562ft)

**This instrument complies with European Directive EMC 2014/30/EU
This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS)
and 2012/19/EU (WEEE)**