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MIL STD 810G EXPLOSIVE ENVIRONMENT

IP55; IP56; IP57*

Live 3.5 X Digital Zoom

High Resolution Imager

Capture Videos and Still Images

Export Data to SD Card



High Resolution TFT Display

6 Hour Rechargeable Battery Life
2 Batteries Included

Ergonomic Articulation Controls

Designed and Tested to meet the requirements of:

NFPA 70 - Class 1 Division 2

ISO 9001

CE Compliant

MIL STD 810G; Method 511.6

Operating unit		
Display size:	5.0" (12.7cm) TFT colour	
Display resolution:	VGA (640x480 pixel)	
Operating system:	Real-time operating system, with on-screen menu	
User interface:	Direct action keys / function keys / arrow keys	
Languages:	English, German, Polish, French, Spanish, Italian, Turkish	
Video interface:	Composite video-out (BNC)	
Power supply, primary:	Rechargeable Li-ion battery (charger and battery are provided in delivery set)	
Documentation		
Video format:	AVI (.avi) (with time and date stamp)	
Image format:	BMP (.bmp) (with time and date stamp)	
Storage:	SDHC memory card up to 32GB (FAT32) (8GB is provided in delivery set)	
Camera control		
Image sensor:	Advanced chip on the tip image sensor	
White balance:	Factory default or user defined	
Image control		
Zoom:	x 3.5	
Invert:	Horizontal and vertical image inversion	
Brightness:	Adjustable	
Contrast:	Adjustable	
Colour:	Adjustable	
Text annotation:	Built-in full screen text overlay generator	
Illumination		
Type:	High-power LED	
Illumination control:	3 steps	
Colour temperature:	approx. 6500k	
Average lamp lifetime:	approx. 5000h	
Diameter:	4.0mm	6.0mm
Working length:	4.9 - 13.1ft (1.5 - 4.0m)	4.9 - 13.1ft (1.5 - 7.5m)
Articulation (bending neck):	4-way / 360° control	4-way / 360° control
Articulation angle° L/R U/D:	100°/100° 100°/100°	100°/100° 160°/130°
Integrated objective lens:	90° FOV	90° FOV
Construction		
Ergonomics:	± 90° rotatable display unit, alt. ±90° rotatable scope handle	
System weight:	1.35Kg	
Dimensions:	180mm x 105mm x 45 mm	
Housing:	Rugged PU, with integrated rubber shock caps	
Operating environment		
Tip operating temperature:	-13°F to 176°F (-25°C to +80°C)	
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% max. - non condensing	
Waterproof:	Probe and distal end up to 14.7 psi (1 bar 10.2m H ₂ O)	
Resistance:	Probe and distal end to oils and saline (5%)	
Carrying Case:	508mm x 373mm x 147mm /4.5kg	