

## THE POWER OF SIGHT!

### M-series



The unit is removable from the optional base (as illustrated)



Interchangeable Probe for different application to suite accessibility of item to be inspected.



Optional magnetic support base to secure the unit even in the most challenging (overhead) position.



Industrial Endoscope Series

**VIDSCOPE** is the most versatile Videoscope currently available pioneering detachable / swappable probe of different diameter / length complete with 360° mechanical articulation. The probe is capable of manoeuvring around 160° bends.

The robust probe is structured around anti-friction and anti-corrosion made possible with 4 layer of woven Tungsten alloy couple with IP67 standard making it corrosion, water and dust proof.

Illuminated by LED light source located at the probe head providing up to 20000 lux (equivalent to 200 times brighter than conventional indoor fluorescent lamp). Dynamic sensor optimizes the amount of light to be emitted in different working condition.

The brightness can be manually adjusted with 6 level of increment.

5 x Digital zooming can be activated to enlarge image for ease of inspection and to eliminate doubtful interpretations.

Captured for further assessments and analysis.

**VIDSCOPE** is equipped with TV out interface, SD Card slot and a USB port.

The Lithium Ion battery can last for >3 hour under normal backlight working condition.

## Model

Model	Model no	Description - Industrial Application							
		Probe bends	Diameter (mm)	Insertion tube length (m)	Camera location	3.9mmØ Camera			
Depth of Field	Luminance					Angle of view			
M	M410FN	170±10°	3.9	1	Front	7 - 80mm	6000 lux	130°	
	M415FN	170±10°	3.9	1.5	Front	7 - 80mm	6000 lux	130°	
	M420FN	150±10°	3.9	2	Front	7 - 80mm	6000 lux	130°	
	M430FN	150±10°	3.9	3	Front	7 - 80mm	6000 lux	130°	
	Model no	Description - Industrial Application							
		Probe bends	Diameter (mm)	Insertion tube length (m)	Camera location	6mmØ Camera			
	Depth of Field					Luminance	Angle of view		
		M610FM	150±10°	6	1	Front	7 - 80mm	20000 lux	100°
		M615FM	150±10°	6	1.5	Front	7 - 80mm	20000 lux	100°
		M620FM	120±10°	6	2	Front	7 - 80mm	20000 lux	100°
	M630FM	120±10°	6	3	Front	7 - 80mm	20000 lux	100°	

## Specifications

Module	Submodule	4M Series	6M Series
System	Dimension	315 x 103 x 173 mm	
	Display	3.5" IPS industrial high definition screen with 640 x 480 resolution.	
	Control Lever	Mechanical rocker enabling probe rotation of 360°.	
	Probe Reset	Automatic reset.	
	Functions	Photography(snapshots), video, brightness control, function lock, frame & flip and digital zooming.	
	Audio	3.5mm integrated headset jack.	
	Internal Storage	16GB	
	Data I/O Port	SD Card interface, TV-Out signal interface, headset interface, charge interface and USD interface	
	Battery	1 x Lithium Ion	
	Battery Life	≥ 3 hours	
	Operation	Handheld / portable	
Brightness Control	6 Steps brightness adjustments.		
Front Video Probe	Probe Dimension	4.0mm±0.1mm	6.0mm±0.1mm
	Total Length	0-3m	
	Luminance	≥6,000 lux	≥20,000 lux
	Angle of View	130°	100°
	Angle of Bend	180±10°	160±10°
	Effective Pixels	450,000 pixels.	
	Depth of Field (mm)	7-80mm/50-+∞mm.	
	Rotation of Probe/Lens	Mechanical 360° rotation.	
Material of insert Tube	Tungsten wire wear-resistant tube.		
Software	Operation System	Real time multitasking operation system	
	User interface	Pull down operation system	
	File Management	Support image and video replay, delete, format	
	Image Control	Frame & Flip, freeze and digital zooming	
	Image Format	JPEG/JPG (records: date and time)	
	Video Format	AVI (records: date and time)	
Language	English/Chinese/Korean/German/Japanese/French/ Spanish		
Operating Environment	Operating Temperature	-10° - 50°C (Base unit), -20° - 50°C (Probe)	
	Relative Humidity	Max 90%, No condensation	
	IP Rating	IP54 (Base unit), IP67 (Probe)	

