yateks®
Your Vision, Our Future

M-ADV UV series

Industrial Videoscope



Introduction:

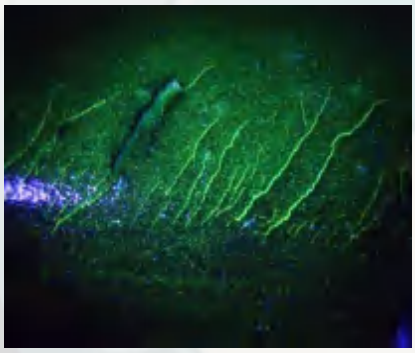
M-ADV UV series is a type of specially designed industrial endoscope for checking UV fluorescence reactant in special industries, such as the special coating on the engine, explosive components, etc. With Yateks patented technology, it can achieve 10-meter effective observation distance under a totally dark environment. It is widely used in the work of special coating reverse optimization, anti-terrorist, hazardous article searching, etc., with which the UV fluorescent reactant can be quickly detected.



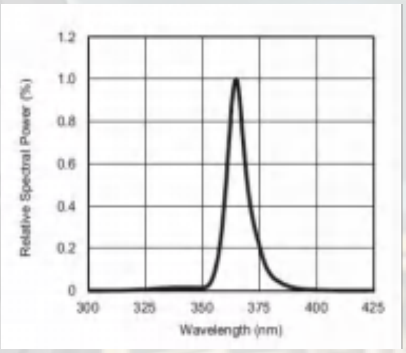


Technical Advantages:

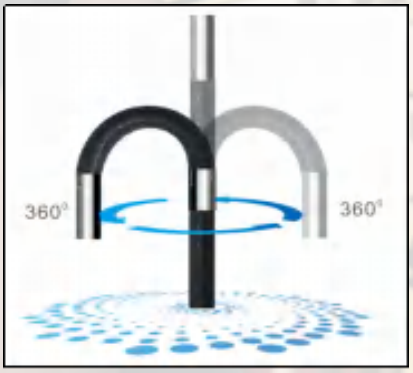
☆ UV light effect can help to detect those marks and substance that can’ t be found under ordinary white light.



☆ Fluorescence detection of PT and MT in UV light mode, emission of UV 365nm band.

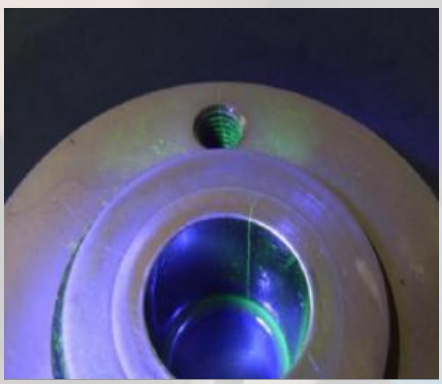


☆ Mechanical 360°articulation , the biggest bending angle of single direction is 180°.





Under ordinary white light



Under UV light

Introduction:

☆Removable supporting bracket, easy for both hand-held operation or table operation.



☆Optional magnetic supporting bracket, in special cases, the bracket and main body can be attached to metal platform/object for easy operation.



☆**HDMI interface, more widely used for real time video output.**





Applications:

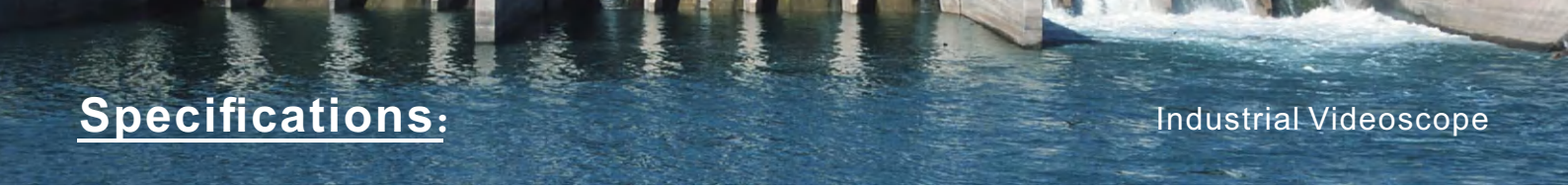
Widely used in the work of special coating reverse optimization, anti-terrorist, hazardous substance searching. The UV fluorescents can be quickly detected.











Specifications:

System	Size	315*103*173mm
	Weight	0.75KG
	Monitor	High brightness 3.5" active matrix
	White Balance	Automatic white balance
	Joystick Control	Mechanical 360° full direction
	Direction Locking	Mechanical automatic locking
	Function	Take photos, record videos,
	Audio	Integrated 3.5mm headphone
	Storage	32G
	Data Port	SD card port, microphone port,
		charging, mini USB port
	Battery	One 18650 Li-battery
	Standby Time	≥4h
	Brightness	6 levels brightness level
Software	User Interface	List operating menu
	File Management	Support photo/video playback,
	Image Control	Flip, zooming, freeze; color/black
	Picture Format	JPEG/JPG（Record date and
	Video Format	AVI（Record date and time）
	Language	En, CN, Kr, ES, De, RU, JP
Insertion tube Specification	Insertion tube outer diameter	6.0±0.1 mm / 3.9±0.1mm
	Insertion tube	1m,1.5m,2m,3m
	Insertion tube	Tungsten-braided
	Articulation	360° mechanical arbitrary direction
	Bending angle	150±10°
	Effective pixels	Forward view 450, 000pixels
	Depth of Field	3~50mm
	Field of View	120°
	UV light power	For 6mm ,≥60mW; For 4mm,≥
	UV waveband	365nm
Operating environment	Main body working	-10°C~50°C
	Probe working	-20°C~70°C
	Relative humidity	Highest 90%, no condensation
	Waterproof	Probe IP67/Main body IP54

Models for M-series:

Model No	Part No	Description									
		Diameter [mm]	Insertion Tube Length [m]	Camera				Optic		Light		Probe Bending
				Location	Head Type	CMOS Sensor	Resolution	Depth of Field	Angle of View	Type	[Lux]	
M410FN-VLS	11246010	4	1	Front	UV	E	640X480	3-50mm	120°	LED	UV: 40mW, 365nm	170±10°
M415FN-VLS	11246015		1.5									170±10°
M420FN-VLS	11246020		2									150±10°
M430FN-VLS	11246030		3									130±10°
M610FN-VLS	11266010	6	1	Front	UV	E	640X480	3-50mm	120°	LED	UV: 60mW, 365nm	150±10°
M615FN-VLS	11266015		1.5									150±10°
M620FN-VLS	11266020		2									130±10°
M630FN-VLS	11266030		3									110±10°



Manufacturer:

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