

P-Series LED UV Videoscope

The P-Series LED UV Videoscopes are specially designed to enable easy access into hard-to-reach areas, in order to identify fluorescent magnetic particle and dye penetrant indications. They are ideal for industries such as power generation, aerospace and aircraft inspection. The P-Series scopes meet industry-wide UV-A intensity requirements, measuring 2,500 $\mu\text{W}/\text{cm}^2$ at 1/2" and 1,500 $\mu\text{W}/\text{cm}^2$ at 1" distance from the surface, 365nm peak wavelength.



It's CMOS image process system with 160,000 pixels provides ultra-high clarity and a picture-perfect display. It has an 8" IPS industrial HD touch LCD screen (1024 x 768 resolution) and interchangeable probes with an electronic magnetic control which can be rotated 360 degrees.

The P-Series is available in 3.9mm (0.15") and 6.0mm (0.24") diameters with lengths of 1.0m-2.0m (3.28'-6.56').

Part #	Diameter	Length	DOV	FOV	DOF
RV-INT-P410UV	3.9mm (0.15")	1m (3.28')	0 Degree	120 Degrees	3-50mm (0.11-1.97")
RV-INT-P415UV	3.9mm (0.15")	1.5m (4.92')	N/A	120 Degrees	3-50mm (0.11-1.97")
RV-INT-P420UV	3.9mm (0.15")	2m (6.56')	0 Degree	120 Degrees	3-50mm (0.11-1.97")
RV-INT-P610UV	6.0mm (0.24")	1m (3.28')	0 Degree	120 Degrees	3-50mm (0.11-1.97")
RV-INT-P615UV	6.0mm (0.24")	1.5m (4.92')	0 Degree	120 Degrees	3-50mm (0.11-1.97")
RV-INT-P620UV	6.0mm (0.24")	2m (6.56')	0 Degree	120 Degrees	3-50mm (0.11-1.97")

NDT Supply.com, Inc.

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Specifications:

	Category	Description
System	Dimensions	9.7" x 12.6" x 4.8" (246 x 321 x 123mm)
	Weight	5 lbs. (2.3kg)
	Display screen	8" (20.32cm) IPS industrial HD touch LCD screen with resolution 1024 x 768 (ratio 4:3)
	Control lever	Electric rocker with lens able to rotate in 360-degree, automatic set, direction fine tuning adjustable
	Functions	Photography, video, brightness control, locking and fine tuning
	Storage	32G high speed SD card (UP TO 128G)
	I/O port	SD card, VGA port (1024*768), charge and mini USB
	Battery/Standby time	Four 18650 Lithium batteries(replaceable)
	Brightness control	5 degrees each for high and low brightness adjustment,10 degrees in total
	Combining form	Monitor + probe Separable group
	Compatibility	Support different diameter probes
Software	Operation system	Real time multitasking operation system
	User interface	Touch screen operation menu
	File management	Support image and video play, delete, format memo and naming
	Image control	Zoom in/out (1.0X - 1.5X,5 steps), playback, picture freeze-frame, image reversal, mirror image

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	Image format/Video format	JPEG, JPG/AVI (record date and time)
	Language	English/Chinese/Korean/German/Russian/Japanese
	Color settings	4 modes for different applications
	White balance	Automatic/manual white balance
	Exposure mode	Automatic/manual/shutter/aperture exposure
	Upgrade	Upgrade by SD card service pack
Operating environment	Monitor working temperature	14~122°F (-10~50°C)
	Video probe working temperature	-4~158°F (-20~70°C)
	Relative humidity	Highest 90%, no condensation
	Waterproof	Monitor IP54/video probe IP67



P-UV Series Industrial Videoscope Kits Include:

- Yateks P Series 8" Display Monitor Control Device
- Articulating Scope (specify diameter and length)
- Interconnect Cable
- Charger
- SD card
- User Manual
- Shipping/storage Case

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