



Yateks

P Series Videoscope

exclusive
distributor

Whether you are assessing aircraft engines, gas turbines or pressure vessels, the reliable HD image quality of the P Series will take your inspection to the next level, no matter what industry you are operating in. Equipped with a 20cm touchscreen and an electro-magnetic rocker, this intelligent image processing system allows the probe to bend arbitrarily for 360°, providing the most precise camera head location.

Reliable and Easy-To-Use

Drawing upon its vast experience in imaging technology, Yateks has included an abundance of features in the P Series that enhance its ease of use, productivity and reliability of operation. Available with a range of camera head diameters and insertion probe lengths, the P Series has zoom and focus functions, 5-level illumination settings and fine camera head control using an electro-magnetic rocker joystick.

While conducting an inspection, the acquired HD still images and videos are displayed on a connected 20cm touchscreen and can be simultaneously shown on an external screen, if required. The P Series is supplied in a durable case, designed for rugged portability and protection of internal parts from shock, dust and water splash. Included are 8 batteries for extended use in the field when AC power is not available (4 batteries required for system use).



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P Series | Capture Razor Sharp High Definition Images

FEATURES AND BENEFITS

- **360° camera tip articulation** via electro-magnetic rocker joystick with up to 170° camera tip return on itself.
- **Forward-facing camera or dual-view** (front and side) cameras.
- **CMOS image processing system** with 1 million pixels for perfect stills and videos.
- **Ultra-clear** 20cm touchscreen
- **Still and video image recording** to system SD card.
- **Super-bright LED** lighting (5 settings)
- **3D measurement** - point to point, point to line, point to surface, triangle area.
- **Anti-friction and erosion insertion tube** in a variety of lengths.
- **Optional diameter probe tubes** to meet different testing requirements.
- **Rechargeable lithium-ion batteries** (8 supplied. 4 batteries required for system use).

To meet different inspection requirements, the P Series base unit can be combined with a variety of camera diameters and probe lengths.

SPECIFICATIONS

Weight	1.5kg (main body only) 11.8kg (with transport case)
Display Screen	8" IPS industrial HD touch LCD screen
Control Lever	Electric-magnetic rocker with camera head able to rotate 360°
Functions	Photography, video, brightness control, locking and fine tuning
Battery	Four lithium-ion batteries (rechargeable)
Probe Dimension	4.0mm ± 0.1mm / 6.0mm±0.1mm
Total Length	1-5m (3.9 mm diameter) 1-8m (6 mm diameter)
Brightness Control	5-degree brightness adjustment
Angle of View	100°
Angle of Bending	170 ± 10° (max) ~ 120 ± 10° (min)
Effective Pixels	Direct view of 750,000 pixels
Depth of Field	7-80 mm
File management	Supports image and video playback, delete, format and naming (SD card storage)
Image format	JPEG (record the date and time)
Video format	AVI (record the date and time)
Signal Output	PAL & NTSC



2.8, 3.9 & 6mm diameter probe options with front + side LED and camera



For further information and to request a demonstration, contact us at sales@inlineindustrial.com.au



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