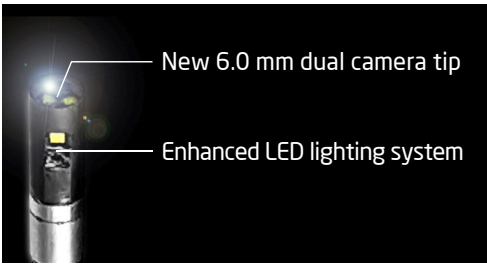


# 6 mm Dual-CAMERA SERIES PROBES

Amazing Image Output

**Mitcorp**

Industrial Videoscope



## Outstanding performance for dual view inspection

Mitcorp's latest innovation, the 6mm dual-view camera probe, showcases cutting-edge optical design and superior illumination for unparalleled inspection capabilities. Its one-touch switch between front and side views providing users with seamless and efficient navigation during inspections.



## Sensitive mechanical control articulation

Full way articulation with lock design, mechanic wiring joystick brings you instant feedback and precise angle control. 21.5 mm short tip length and bending radius make your surrounding inspection job extremely comfortable and efficiently.

## Rugged & Durability

- IP67 waterproof
- 100°C resist & High temperature warning
- Unyielding to scratches and corrosion



## High-resolution images and videos

Great mobility. Outstanding flexibility. Stunning results.



## Crisp high resolution image quality output

2560\*1440 high resolution images recorded on both dual cameras. The side view camera is fine tuned to 7 mm near focal length that especially practical to tube wall side defects inspection.

- FOV: front & side camera 95°
- DOF: front camera 8 mm~∞ / side camera 7 mm~∞



360° Articulation Probes	
Probe head diameter*	6.0 mm*
Probe length options	2 m / 3 m / 5 m / 7 m / 10 m
Probe head length	<b>2 m / 3 m:</b> 21.5 mm ; <b>5 m / 7 m / 10 m:</b> 24.4 mm
Direction of view	Front + Side 90°
Illumination	Front / side LED
Field of view (FOV)	95°
Depth of Field (DOF)	<b>2 m / 3 m:</b> Front: 8 mm~∞ / Side: 7 mm~∞ <b>5 m / 7 m / 10 m:</b> Front: 8 mm~∞ / Side: 5 mm~200 mm
Still image resolution (.jpg)	(Dual) 2560*1440
Video resolution (.mov)	(Dual) 1920*1080
Articulation angle**	<b>2 m / 3 m:</b> full ways ≥ 120° ; <b>5 m / 7 m / 10 m:</b> full ways ≥ 80°
Operating temperature	In air: -10~100°C ; In water: 10~30°C
Probe head material	Stainless Steel
Probe material	Tungsten braid
Joystick console dimensions (WxDxH)	139.4x193x84.2 mm (w/o SR and insert tubes)
Joystick console buttons	Brightness+, Brightness-, snapshot/record
Lock and move	Joystick / Unlock switch on console
Dust and water proof	Joystick console: IP54 ; Insert Tube: IP67
Relative humidity	Max 95% non-condensing
Liquid resistance	Operable when exposed to machine oil, light oil or 5% saline solution
Storage temperature	-10°C~70°C

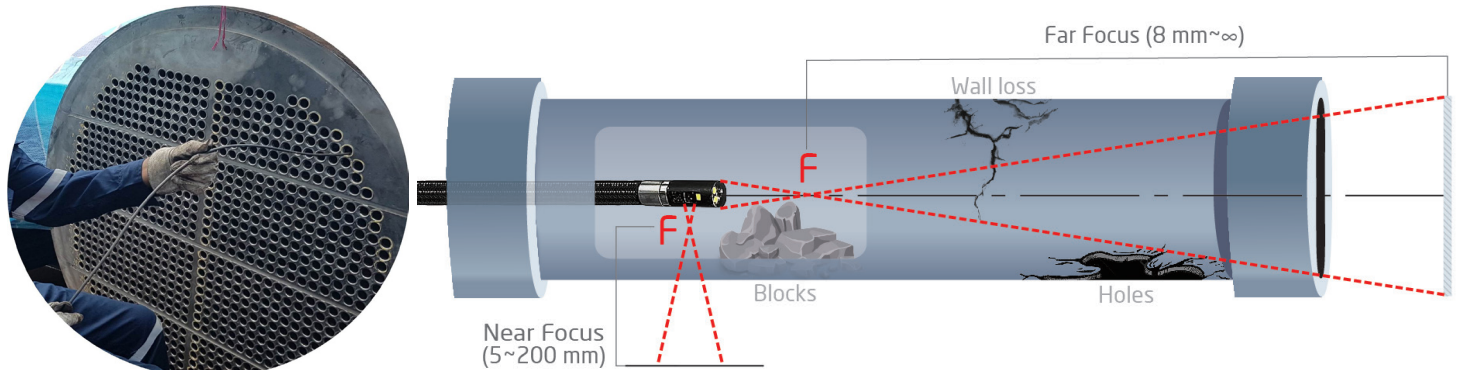
## All length by demand



For all purposes inspection especially long tube objects like heat exchangers.

Effect

## Optimized Probe Tip Optical Design



Long-length probe (5 m/7 m/10 m) tip's sophisticated DOF and FOV Optical design dedicated to tube inspection needs.

