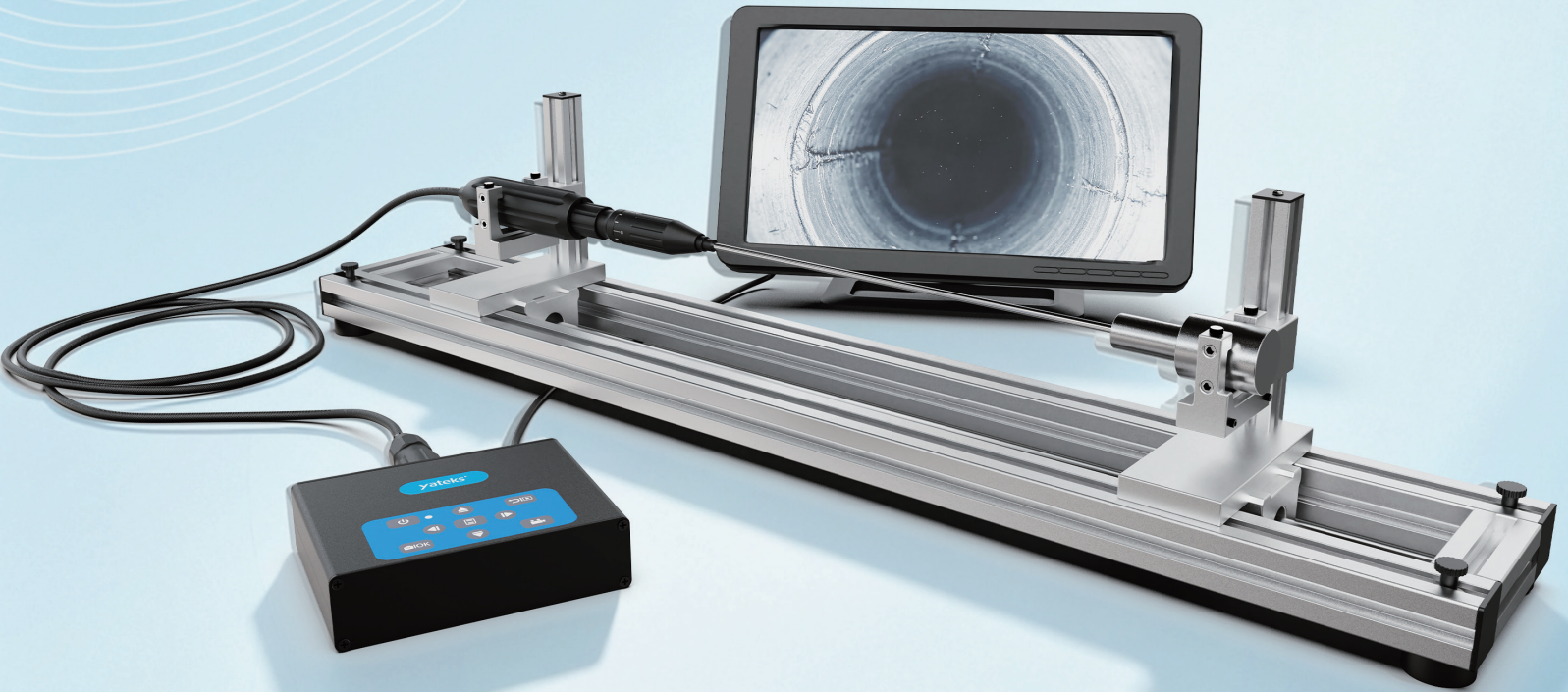


G Series Video Box

Video Box, interchangeable insertion tubes—suitable for different applications.



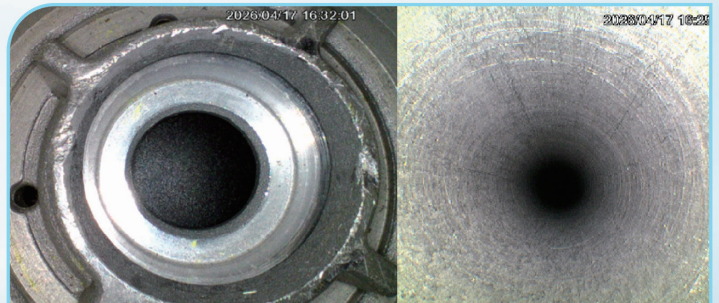
G Series Video Box is designed to connect with insertion tube, enabling image capture, display, storage, and control while providing real-time HD visuals for different inspections

Highlights



Interchangeable Insertion Tubes

- Interchangeable tubes based on working scenario: diameter (1–6mm), camera (forward & side view), lens (30–50cm)
- Easy plug-and-play connection



High Definition Imaging

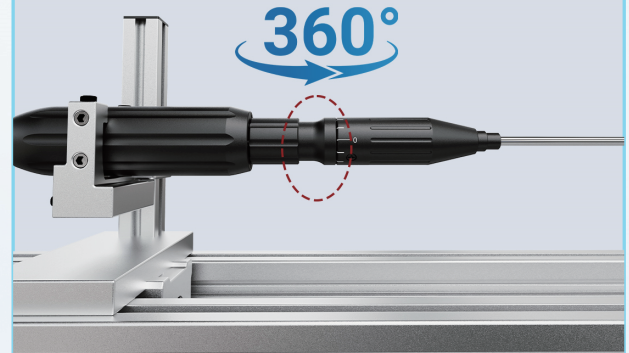
- Professional image processing delivers clear, stable visuals and accurately identifies fine defects — porosity, cracks, wear, and blockages.

Compatible with Multiple Monitors



HDMI output

Slip Ring Capabilities



Slip Ring: Enables 360° all-round view for side-view camera.

Applications

Production Line Quality Inspection

Deep hole inspection of die casting, casting, injection molding, and machined parts.

Mold Water Channel Inspection

Inspect cooling channels and hot runners in molds for blockages, and wear.

Workshop Maintenance & Repair

Internal fault inspection of engines, transmissions, pipes, pumps, and air compressors.

Inspection Labs / QC Rooms

Incoming material inspection, sample analysis, and outgoing re inspection. Large screen display enables group review.

Automation Integration

Works with robotic arms and dedicated inspection machines for automated inline borescope inspection.

Training & Demonstration

Ideal for school labs and corporate training – connect to a large screen for live demonstration.



Diameter	Resolution	Location	Depth of Field	Angle of View	[Lux]	Working length (Customizable)
1mm	400*400	Front	3~50mm	120°	500	30~50cm
1.2mm	400*400	Front	3~50mm	120°	1500	30~50cm
1.5mm	400*400	Side	3~50mm	120°	2000	30~50cm
1.6mm	400*400	Front	3~50mm	120°	1500	30~50cm
2mm	720*720	Front	3~50mm	120°	3000	30~50cm
2.8mm	720*720	Front	3~50mm	120°	10000	30~50cm
3mm	400*400	Front&Side	Front: 3-50mm Side: 3-50mm	120°	8000	30~50cm
3mm	720*720	Side	3-50mm	120°	5000	30~50cm
3.7mm	640*480	Front	10-100mm	80°	5000	30~50cm
4mm	1280*720	Front	10-100mm	90°	10000	30~50cm
4.5mm	1280*720	Side	5-50mm	120°	20000	30~50cm
6mm	1280*720	Front&Side	Front: 10-100mm Side: 5-50mm	120°	10000	30~50cm