

OZII

PAN TILT & OPTICAL ZOOM CAMERA



The OZII optical zoom pan-and-tilt camera offers unparalleled imaging technology and built-in lighting for 6"- 72" (152 -1829 mm) pipe to produce clarity of picture with enhanced detail.

The OZII camera provides up to 320:1 optical/digital zoom, automatic iris and focus, as well as remote focus and iris control to assure the highest quality picture within varying pipe conditions.

CUES "Light Enhancement Technology" eliminates the need for an external lighthouse! Easy operation at the controller allows the operator to change the sensitivity of the camera at their fingertips - no need to install an external lighthouse if the pipe material or pipe diameter changes! The OZII camera includes an optional sonde to accurately locate the camera in metallic and non-metallic pipes! An optional inclinometer is also available for inclination surveys.

OZII Camera Features & Benefits

- 10X optical zoom and 32X digital zoom; total 320:1 zoom capability enhances image details from faraway distances.
- 0.4 MP camera; higher image resolution means sharper pictures with maximum detail.
- Four field-replaceable lights (cool white LEDs); internal lights are directional with the moving camera head for optimum illumination in 6"-72" (152 -1829 mm) pipe.
- Gamepad control of all camera functions: focus, iris, and shutter allows operator to compensate for pipe conditions.
- Pan, rotate, zoom, and focus homing feature; quick and easy to reorient to the current location.
- 400 degree rotational optical viewing angle; 331 degree pan viewing angle range; view minute defects and voids around the entire diameter of the pipe wall.
- Compatible with up to 4000' (1220 m) multi-conductor cable.
- Options: 512 Hz sonde for locating and inclinometer for inclination surveys.
- Includes an internal diagnostic system.

Optional Laser Measurement System

- This system combines advanced laser technology with a digital video caliper for precise measurement of pipe joints, cracks, defects, and debris.
- Dual laser diode projectors ensure accurate measurements, regardless of object distance or camera zoom.
- The Digital Video Caliper (DVC) measures along vertical, horizontal, or diagonal axes in metric or imperial units, with results displayed anywhere on the video feed.



Backwards-compatible with CUES's K2/Summit System and transporters to easily upgrade existing fleets to HD

360 x 285 degree pan and rotate viewing capability

10X optical zoom and 16X digital zoom; total 160:1 zoom capability

High speed bi-directional communication for video, data, and control