

OZ4-HD

1080P HIGH-DEFINITION PAN & TILT MAINLINE CAMERA

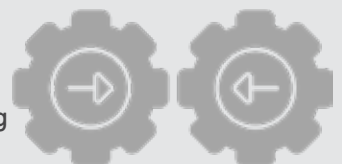


The OZ4-HD is a 1080p high-definition pan & tilt mainline camera. OZ4-HD provides up to 160:1 optical digital zoom, automatic focus, as well as remote focus and iris control, to assure the best quality video within varying pipe conditions.

The OZ4-HD camera offers built-in field replaceable cool white LED lighting for 6"-72" (160 - 1800 mm) pipe to produce lighting the highest quality image details of your CCTV pipeline inspection.

ACHIEVE HIGH-DEFINITION INSPECTION QUALITY AND FULL BACKWARDS-COMPATIBILITY WITH AN HD TRUCK UPGRADE!

- Robust design to withstand harsh conditions, ensuring durability and reliability.
- Upgrade your current fleet to use a 1080p high-definition pan & tilt mainline camera.
- OZ4-HD is backwards-compatible with an HD truck upgrade to work with your existing K2 controls, transporters, cable, and reels.
- Seamlessly switch between standard-definition and high-definition cameras without workflow interruptions.



OZ4-HD Camera Features & Benefits

- 10x optical zoom, 16x digital zoom, total 160:1 zoom capability
- Maintains 1080p Full HD beyond 4000' (1219 m)
- 360 x 285 degree pan and rotate viewing capability; pan and tilt simultaneously while the transporter moves
- Compatible with industry standards, such as NASSCO's Pipeline Assessment Certification Program (PACP)
- Includes an internal diagnostic system
- Gamepad control of focus, iris, and shutter allows the operator to compensate for pipe conditions
- Pan, rotate, zoom, and focus homing feature; quick and easy to reorient to the current location
- Optical-grade sapphire camera window helps prevent image distortion
- Includes a 512 Hz sonde for locating the camera in metallic and non-metallic pipes
- High Speed bi-directional communication for video, data, and control

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