

## PANORAMO® 4K

Perhaps the greatest innovation in pipeline inspection technology in decades, the PANORAMO® system has provided better data to engineers, reduced stress for operators, increased productivity and changed the way we inspect our underground infrastructure. Now, with the revolutionary PANORAMO® 4K technology, it provides even better image quality. Inspect more than twice as much pipe per day, reduce your operating costs by more than 30% compared to normal CCTV and provide system users with incredible high-definition imagery!

## Performance is Key

PANORAMO® 4K is fast. Users collect data at a rate of up to 69 ft. (21m) per minute with PANORAMO® 2 4K, and 40 ft. (12m) per min with PANORAMO® 150 4K, without needing to stop. All this adds up to a technology that reduces your cost, increases your production and dramatically enhances your deliverables.



**PANORAMO® 150 4K**  
Inspect pipelines from  
6" (150mm) and up.



**PANORAMO® 2 4K**  
Inspect pipelines from  
8" (200mm) and up.



## Technical Specifications

Max Speed	69ft. (21m)/Min.
Pipe Diameter	6" (150 mm) and up
Pressure Protection	Standard
Viewer Software	Free, distributable
Cameras	Twin 185° Digital
Zoom	Digital
3-D Perspective View	Standard
Side Scan (Unfolded) View	Standard
Measurement	Standard in Unfolded View
Lighting (PANORAMO® 2)	Xenon Strobe
Lighting (PANORAMO® 150)	High Power LED

# IBAK PANORAMO® 4K

## The PANORAMO® Principle - Changing your process

IBAK designed PANORAMO® from the ground up to address the weaknesses of traditional video technology. The PANORAMO® method changes your current process into data collection in the field and data analysis back in the office. This division of labor increases safety, reduces mistakes and increases productivity. The technology enables your employees to work to their potential and avoid costly and time-consuming mistakes caused by inattention or stress.

