



### General Description

The Mini Pan and Tilt camera is the smallest Pan and Tilt camera head available from Image. This camera head can be pushrod or crawler mounted to provide advanced viewing of pipe wall defects. Its ultra small size enables it to be used for 4" pipe inspections where a high detail of wall conditions are not possible with straight viewing mini camera heads. It will negotiate a 90 degree bend in 4" pipe. The Mini Pan and Tilt Camera is designed specifically to provide a close-up view of sewer pipe walls and lateral entrances through the use of a low light sensitive movable camera head with dual directional lighting. This color unit is designed for operation through up to 2000' of multi-conductor digital signal cable in sanitary and storm sewers. Chassis construction is 100% solid state circuitry designed to withstand shocks and vibration normally sustained while being pushed, pulled, or crawled 4" or larger pipe. Remote focus, 90 degree turn, 360 degree rotate, adjustable close up lighting intensity, and return to center controls are all on the system joystick.

The Mini Pan and Tilt camera provides state of the art digital signal transmission with auto self levelling, tilt and rotation on screen angular display, automatic system diagnostics, and 360 degrees of endless radial rotation viewing to view all sewer wall surfaces and lateral connections. The rotating camera and lighthouse configuration provides 270 degrees of pan and tilt angle. The 70 degree lens viewing angle yields a total pan and tilt viewing area in excess of 300 degrees. This configuration provides a 70 degree reverse angle (rear) viewing capability for incoming lateral inspection when camera is moving downstream away from lateral connections. Combined with our Gopher crawler, this makes an excellent camera transporter combination for 6" to 24" operation.



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