



# Pan, Tilt, & Zoom Camera

**Designed and built to take on the most rugged & hostile sewer environments**

Using the latest Luxeon Star Illuminators, the Cobra Zoom Camera can inspect pipe up to 72" in diameter without the need to add additional lighting for most pipe types. The lighting is powered on when the camera is turned on. The Luxeon Star illumination system generates minimal heat. Cobra designed the illumination to provide a narrow beam of light on one of the illuminators and a wide angle on the other illuminator providing optimum lighting in the pipe. This can be simply changed in the field if the User wants to provide a different lighting profile.



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PTZ Camera Mounted on Crawler

## GENERAL FEATURES

- Cold Luxeon illumination with Narrow and Wide Beams for Optimum Viewing.
- 10:1 Optical Zoom with optional 4:1 Digital Zoom. Total effective Zoom ratio 40:1 however digital zoom is generally not considered useful
- Automatic iris lens with manual override to control illumination for an optimal video
- Automatic focus with manual override
- 360° Rotate and 270° Pan capability with automatic centering
- Clutched gear motors to Prevent Damage to Pan and Rotate Drives
- Digital Control System with Zero Noise provides a High Quality Picture
- Operates optimally through a maximum of 3,000' multi-conductor cable
- 100% Solid-State circuitry designed for harsh, adverse sewer conditions
- Viewports are double O-ringed to limit damage and cushion impact to the lens. The same viewport is used on both the lights and the camera eliminating the need to carry multiple spares
- Light heads are isolated from the camera body so in the event a light head lens is damaged, water will not access the camera head or the camera body
- Life expectancy of the Luxeon Star is 10,000 hours
- Tested at 5psi then at 50psi and finally at one atmosphere of vacuum before shipping
- Compatible with any Cues or Aries Multi-conductor Systems - Simply Plug and Play using Cobra provided adaptor cable
- Stainless Steel body and gear construction, Hard Coat anodized Aluminum Head

All Specifications subject to change.



***So Advanced ... It's Simple***

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