

# The Evolution of Pipe Inspection

Inuktun technology lets you... see it for yourself.



Inuktun's compact Crystal Cam cameras are encased in an epoxy housing which makes them virtually indestructible, allowing them to operate in the most confined spaces and hazardous environments. Versatile, and resilient, these units offer both heat and chemical resistance with interchangeable tether lengths - up to 1,000' /300m. With built-in LED lighting and a high resolution, low lux camera, the Crystal Cam is highly effective in very low light environments. Used as a drop camera to depths of 1,000' /300m, integrated with a crawler system or ROV, or helmet mounted for top-side or third party surveillance, the Crystal Cam is a cost-effective, portable visual inspection solution.

## APPLICATIONS

- Internal inspection of pipes
- Tank and well inspection
- Confined space inspections
- Drop Camera
- Underwater surveillance
- Wet weather surveillance
- Operator visuals for monitoring equipment and machinery
- ROV's
- Pre-dive inspections

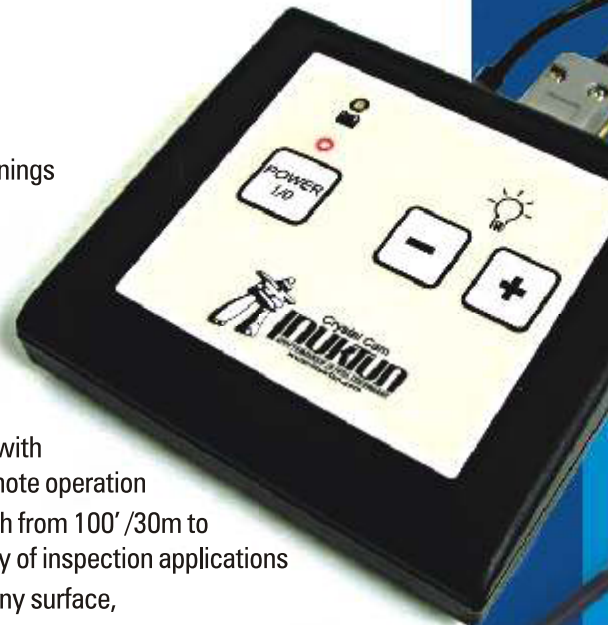
## BENEFITS

- Easily fits through small openings
- Inexpensive and versatile
- Light weight
- Durable
- Impact resistant
- Depth rated to 1,000' /300m underwater
- Portable inspection system with optional battery pack for remote operation
- Interchangeable tether length from 100' /30m to 1,000' /300m to suit a variety of inspection applications
- Can be secured to virtually any surface, including underwater vehicles

For more information on advanced pipe inspection systems, contact Inuktun today.

Roper Resources Ltd.  
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CRYSTAL CAM



see it for yourself.



## Size

**Length** 2" / 50mm

**Diameter** 1.5" / 37.5mm

**Active Controls** Power, lights

**Lights** Variable intensity

## Camera

**Material** Epoxy

**Image Sensor** 1/4" Color CCD

**Sensitivity** 1.0 lux

**Resolution** 400 TV Lines

**Iris** Auto-Electronic

**Lens** 3.6mm

**HFOV** 55° in air, 41° in water

**Lights** 12 high intensity LEDs

**Camera Weight** 0.264lbs/0.12kg

**Connector** 6-pin (male) Subconn Micro Circular

## Controls

**Active controls** Power, lights

**Lights** LED, Up to 50,000 hours, Variable intensity

Video text overlay with keyboard entry

## Operating Environment

**Temperature** 0°-50° C (32°-122°F)

**Depth Rating** 1000' / 300m

## Control System

**Power** 12 VDC (AC adapter included)

**Controller Weight** 0.5lb / 0.22kg

**Dimensions** 5.5" x 5" x 1.5"

(14cm x 12.7cm x 3.8cm)

**Interface** Membrane and keyboard controller

**Tether Cable** 100' / 30m Standard

Custom lengths to 1,000' / 300m available

**Options** Pelican Case, Turnkey Controller

w/ monitor and battery pack, Drop-Cone,  
locking sleeves, digital recorder

**Specifications subject to change**

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