

The Evolution of Pipe Inspection

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



INUKTUN
CRAFTSMANSHIP IN HIGH TECHNOLOGY

see it for yourself.

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The Spectrum 120HD™ pan, tilt and zoom camera provides crystal clear video in air or underwater. It packs a high definition, 2 mega pixel imager, and 1080i resolution with 120x zoom into a robust housing only 4 3/4 diameter. With built in LED lighting, continuous pan, and a wide tilt range, maximum visibility is achieved so you can ...see it for yourself!

APPLICATIONS

- Municipal pipe inspection
- Toxic environment, confined space or underwater inspection
- Reactor vessel inspection
- Foreign object search and retrieval
- Dam and lock inspection
- Robotics and remote tooling
- Underwater surveillance for operations or security

Size

Diameter 4 3/4" /121mm

Length 17" /432mm

Weight 10 1/2 lbs/4.8 kg (Aluminum)

Camera

Material Aluminum (Stainless Steel Optional)

Imager Sony FCB-H11

Sensitivity 12 lux

Resolution 1080i

Zoom 120 (10x optical, 12x digital)

Focus Auto or Manual

Exposure Auto or Manual

Output Signal 1080i

Output Format Component Video (YPbPr)

Lights 4 high intensity LED modules

Control System

Universal Power 88-264 VAC 50 /60Hz

Chassis 19" rack mount or optional pelican case

Rack Mount Height 5.75" /146mm

Rack Mount Weight 22lb /10kg

Pelican case 1400 Pelican case (optional)

Pelican size 12" x 9 2/8" x 5 1/8"

(305mm x 232mm x 130mm)

Pelican weight 20.2lb /9.2kg

Interface Membrane panel with proportional joystick input and home function; pan, tilt and inclinometer feedback, Date /time and camera feedback. Controller functions and camera feedback available on standard video output. Separate or dual input monitor required.

Standard Tether Cable up to 500' /150m*

Optional portable cable reel with distance counter

BENEFITS

- Clear, high definition 1080i video
- Durable, high intensity LED lighting
- Light weight construction
- Permanent or mobile installations
- Depth rated to 100' /30m
- Continuous 360° pan
- 280° tilt
- Built in inclinometer

Controls

Active Controls Pan, Tilt, Zoom, Focus, Lights & Exposure level

Pan 360° continuous

Tilt 280°

Horizontal FOV 508° in air (wide)

Lights Variable intensity

Operating Environment

Temperature 0°-45°C (32°-113°F)

Depth Rating 100' /30m



Printed in Canada

SPECTRUM 120HD

* Specifications subject to change