



P O R T A B L E
V I D E O
S Y S T E M S

Search

Inspection

Surveillance

Rescue

Video Vault Inspection System



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Video Vault Inspection System

Uses:

- Safety inspection prior to confined space entry
- Triage and safety inspect vault and tunnel failure events
- Preventative maintenance of degrading components (hot spots with thermal camera)
- Asset inventory and maintenance documentation (record video/stills with external DVR or laptop options)
- And many other uses...

Power Utility Inspection System

Benefits:

- Increase Safety
 - Avoid Confined Spaces – stay above ground
 - Avoid dangerous unknown environments
 - See through smoke for hot spots with thermal camera
- Save Time
 - Preventative maintenance
 - Examine cable hangers, insulation, etc. for corrosion with Zoom camera
 - See potential splice failures with optional Thermal technology
 - Inspect/evaluate/audit vaults from street level
 - Verify vault configuration prior to actual work

Major Components

Camera Head on
Articulating
Telescoping Pole



Display/Control Unit
Tripod Mount

Hard Foam Fitted
Equipment Case

Utility Inspection System Features

- Portable, rugged, weatherproof and battery operated – field proven
- Interchangeable camera options: Submersible *self-illuminated* 10:1 color zoom, Dual View Thermal/B&W, and a variety of other self-illuminated cameras
- Weatherproof Display/control unit can be body worn, or tripod mounted to isolate operator
- Various length, telescoping fiberglass/aluminum extension poles – adjustable end or remote articulating
- Optional thermal imager sees temperature differences through smoke, and in total darkness
- Optional wired or wireless video to laptop computer
- All packaged in foam fitted weatherproof hard transport case

Current Users

- ComEd Chicago
- ConEd, New York
- Duquesne Light, Pittsburg
- Excelon, Plymouth Meeting, PA
- Baltimore Gas & Electric
- LA Power and Water
- Entergy, LA

Vault Inspection Video



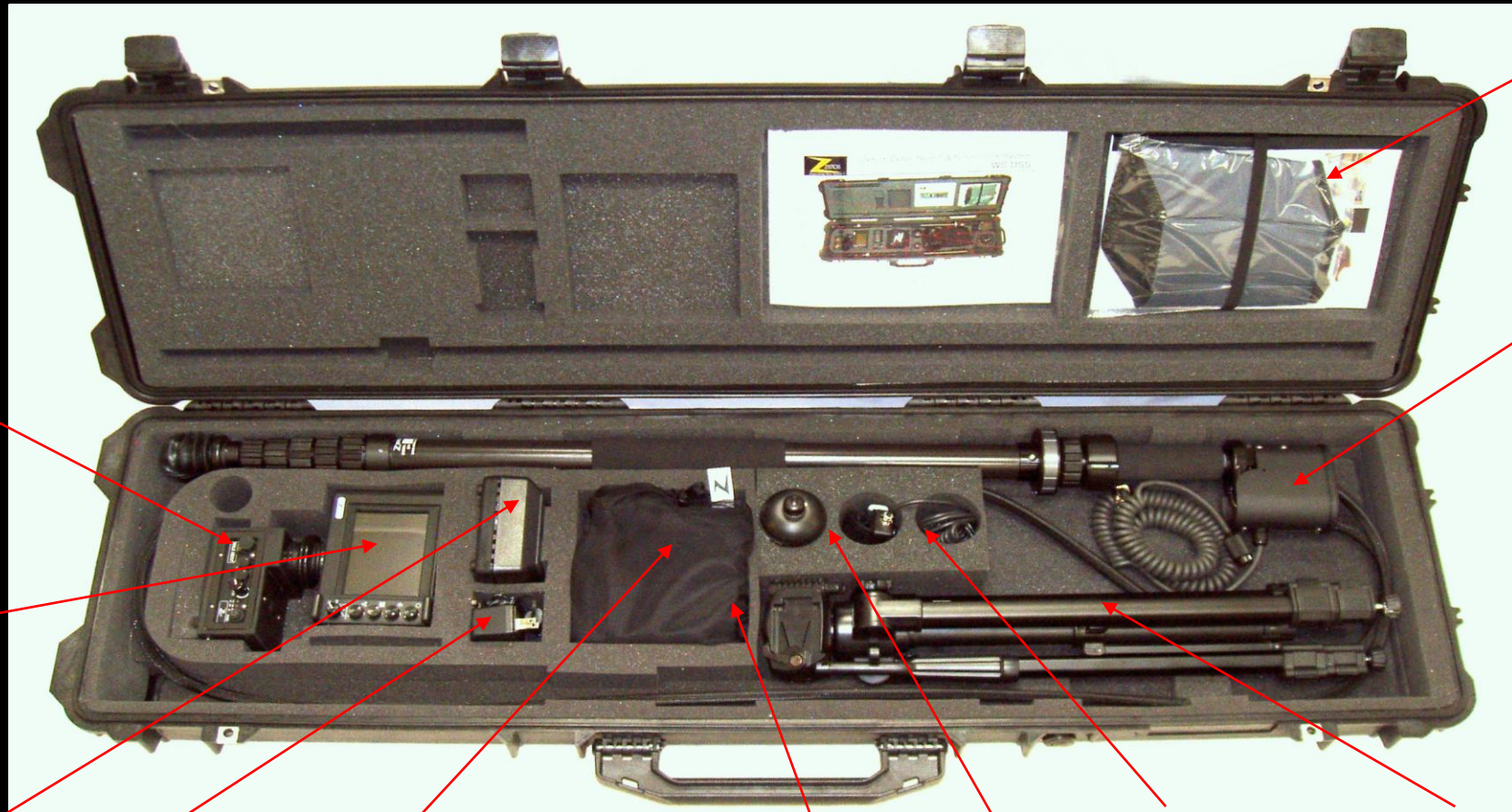
10:1 self illuminated *Zoom Camera* and Dual mode *Thermal/B&W Camera* in action

Typical System Packaging

Utility Inspection System IA-USZT-A14

Sunshade
(SS-WA)

14ft Articulating
Pole (AP-T14)



WalkAbout
Monitor
(WM-4-
MON-M)

Spare
Battery
(BAT-2)
beneath
WM-4-
MON

Battery
Charger
(BCH)

Power
Supply
(PS1)

Universal
Harness
(WUH)

Tripod Mounting Plate,
Vehicle Adapter (WVA), A/V
Cable (WVC) and DC Cable
(WDC) (beneath WUH)

Zoom Camera
(WPC-2.5Z)

Zoom Control Box
(ZCB)

Tripod Mount
(TRIPOD)

Typical Images



10:1 self illuminated Color Zoom camera



Dual mode Thermal/B&W camera

Summary of Benefits:

- Increases safety, reduces wasted time & traffic disruption
- Portable, one man operation system
- Minimal training - Designed for simple set-up and operation
- Laptop or DVR Image recording options (video and stills) for documentation and second set of eyes on problem
- Modular (easy field configuration/part replacement)
- Rugged – not a lab instrument
- Weather resistant display, submersible poles and cameras for use in the field
- Additional features can be added any time as needed

Questions?

- Please visit our stand at the conference for a *hands-on* look at this and *other related* equipment
- Visit our website at www.zistos.com/Industrial.htm
- Contact:

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- Contact us to set up a demonstration at your facility