COLOR VIDEO AND AUDIO SYSTEM FOR URBAN SEARCH AND RESCUE.

ITI Search and Rescue Pole Camera (SNRP) enhances first responders abilities with the valuable visual confirmation and communication needed to work with trapped victims. The easy to use video system features two way talk, bright LED illumination and a light weight carbon fiber extension tube design.

Users can record video and voice. Extension poles are interchangeable with a drop cable system allowing users to view vertically over 80 feet. Camera head of 2 inch diameter meets USAR requirements for technical search.

Since 1967 Instrument Technology has developed optical systems for industry, government and medical customers. Our commitment to design excellence and is unsurpassed.
Model 172681 Pole Camera Kit includes:

- Articulating Video/Audio Telescopic Pole Camera
- AV2 Console - Display, DVR, Power Control and Interconnect Device with Case
- Headphones with Microphone
- Camera Head Rope Coupler
- 80 ft, Auxiliary Cable with Drop Rope and Coupler
- Spare Battery
- Operation Manual
- Case & Protective Foam

**PRODUCT SPECIFICATIONS**

**Mechanical**
- Head Articulation: Motorized
- Head Outside Diameter: 1.850” (47mm)
- Head Length: Overall - 9.13” (232mm), articulation pivot to distal end – 2.18” (55mm)
- Head Materials: Anodized aluminum, glass, epoxy and silicone
- Pole Telescoping Length: Collapsed 4’ 2”, Extended 10’
- Pole User Controls: Camera and lighting power, articulation, audio speaker
- Pole Materials: Carbon fiber pole and anodized aluminum handle
- Auxiliary Drop Cable Length: 80’ (15m)
- Weight: Head 1.2 lbs (.45KG), Head and pole 3.4 lbs (1.26KG)

**Optical**
- Line of Sight: 0° (forward)
- Line of Sight: 180° total, ±90°
- Articulation Range: in two directions (U/D or L/R)
- Field of View: 70°
- Depth of Field: 1ft to Infinity (300mm to Infinity)
- White Light LED: 50 lumens/ft2 (fc) @ 12” (300mm)

**Electrical**
- Camera: 1/4 inch color CCD, 768 x 494, 460TVL, NTSC, CVBS (composite)
- Digital Video Recorder: Frame: Pal:25f/s, NTSC:30f/s, Resolution: D1:720x576/QVGA :360x288, Compression: m-jpeg & standard jpeg, Memory: SD/SDHC card, less than or equal to 32GB, USB jack: USB 2.0
- Wireless: Video compression MPEG-4, Max Frame rate NTSC 30fps at 720x480 (D1), Audio Sampling 48KHz stereo
- Speaker: 28mm
- Headphone w/Mic
- Battery: 12V NiMH battery, 5400mAh
- Power & Consumption: 12VDC, amps

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