



Telescoping Pole Camera with Under Door and Thermal Imaging Capability



- Fully load-bearing at camera head for lifting of attic accesses
- Self-contained with no external wires while running off the high-capacity Internal Li-ion battery
- High definition color camera head with auto IR illumination
- 7" diagonal high definition monitor with tilt/ swivel
- Instantly deployable with no setup required
- Mil-spec quick detachable camera heads (HD Color, UDC and Thermal Imaging)

EyePole deployed with UDC



Intended Uses/ Load-bearing properties:

Attic searches are made easier with the load-bearing probe installed at the camera head. Pre-position the camera head to the desired angle (90 degrees), and lift attic accesses with the EyePole. The viewing angle will not be affected. Do not bend the flexible camera neck over the probe to prevent damage to the neck. The internal pole can be rotated to provide additional viewing angles. The articulating neck may also be twisted to achieve the desired viewing angle. The Flip Loc collar allows for a single-stage extension of the EyePole, while remaining load-bearing.

This collar may be tightened or loosened with a phillips head screwdriver. Note: The threads are reversed. To prevent damaging the camera neck, refrain from bending the neck over the end of the aluminum Probe.

Ports:

Located on the handle, described from top to bottom

Brightness Control

Video-out (BNC)

Audio-out (optional, 3.5mm)

Illuminated Rocker Power Switch

Charging Port (with red dot and keyway to line up battery charger, external battery or external second hand-held monitor)

Specifications:

General Dimensions: 51" Collapsed, 79" fully extended

Weight: Approximately 6 lbs. depending on configuration options

Camera:

Format NTSC

Sensor Sony 1/3" CCD Color, B/W in Dark

Resolution 2.3MP, High Definition

Number of L.E.D.'s 15 IR (Infrared) 850nm

Sensitivity .5 lux Color, .05 lux B/W

Night Vision Range 30'

Lens 3.6mm (75 deg)

Voltage 12V +/- 10%, 250mA

Display:

(Pole Mounted 7-inch Widescreen Liquid Crystal Display)

Screen Size 7.0" Diagonal

Display Format HDMI/ High Definition/ Composite, switchable

Contrast Ratio: 150:1

Brightness 500 Cd/m²

View Angle (H) ±55 degrees (V) 35 degrees

Batteries:

Internal EyePole Battery: 3400MAh Lithium Ion

Run time: Approximately 3 Hrs.

Recharge time: Approximately 3 Hrs.

External Backup EyePole Battery (optional) Same as Above

Battery Charger:

Fully Automatic- line up red dots and keyway and insert and retract by holding the connector, not the wire

Under Door Camera Head:

Technology

The UDC utilizes advanced, high performance technology that is not found in any other under the door device. In the UDC a tiny Charge Coupled Device (CCD) camera has been built into the leading edge of the camera tongue. This image sensor provides high resolution black and white images which are transmitted to the EyePole's monitor outside of the room being investigated. IR illumination comes standard on the UDC. The H/L switch on the unit can stay in the H position. This controls the video Frame Rate and can be set to your preference.

Under Door Camera Head Technical Specifications:

Image Sensor: ¼" B&W Super HAD CCD

Resolution: 400 TV Lines

Pixel Count: 250,000 Pixels

Sensitivity: .005 Lux (Zero Lux w/ IR LED's)

IR LED's (940nm)

Video Signal: RS-170

Direction of View: 15 Degrees Forward

Field of View: 70 Degrees Fore-Oblique

Depth of View: 250mm to Infinity

Insertion Tongue Dimensions - Length: 135mm, Height: 6mm, Width: 35mm

Hub Dimensions - Length: 95mm, Width: 73mm, Height: 40mm

Power Requirement: 12VDC supplied by the EyePole internal battery



The UDC is used in conjunction with the EyePole, and is interchangeable with the standard surveillance camera that is provided with every EyePole.

Optional UDC Features:

Audio-out with Headphones and Volume Control

Dual Camera Configuration for back of door view (EOD)

Thermal Imaging Camera Head:

Thermal imaging creates images by way of differences in temperature. Performance can be quite impressive in terms of effective distance.

Two options are available: White Hot Image and Pseudo Color Image

Examples of both are show below.



The Thermal Imaging Camera Head is used in conjunction with the EyePole, and is interchangeable with the standard surveillance camera that is provided with every EyePole.

Warranty:

Two (2) years parts and labor serviced at EyeOn's location

EyeOn pays for return shipping within the U.S. via Fedex Ground

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