


## Spot<sup>®</sup> CAM+IR

The Spot CAM+IR payload turns Spot into a powerful inspection tool with purpose-built cameras.

Use Spot CAM+IR to get eyes on remote or hazardous environments while focusing on inspection details that matter.



### Features

-  Integrated radiometric thermal camera
-  Spherical camera (360 x 170° view)
-  Pan-tilt-zoom (PTZ) camera with 30x optical zoom
-  Two speakers and microphones enable two-way audio
-  High-sensitivity microphone for auditory inspections
-  Four pairs of LEDs provide illumination in dark environments
-  Roll cage for crash protection
-  USB port available for saving image data
-  Protected cabling and sealed electronics
-  Configuration options for front or rear mounting



## Specifications

### DIMENSIONS

**Length** = 334 mm (13.1 in)

**Width** = 227 mm (8.9 in)

#### Height

**(Front Mount)** = 357 mm (14.1 in)

**(Rear Mount)** = 427 mm (16.8 in)

#### Weight

**(Front Mount)** = 7.5 kg (16.4 lbs)

**(Rear Mount)** = 8.0 kg (19.8 lbs)

### 360° CAMERA

**Field of View (FoV)** = 360 x 170°

**Video Frame Rate** = Variable\*

**Video Storage** = No

**Video Streaming** = Yes

**Resolution** = 10 MP

**File Size** = 31.1 MB

**Still Image Format** = PPM

(Portable Pixel Map)

### PTZ CAMERA

**Resolution** = 2MP, 1080p video

**Optical Zoom** = 30x

**Pointing Accuracy** = 2 degrees

**Range of Motion** = 170°/sec

**Tilt Range** = -30 to 270°

### IR CAMERA

**Scene Temp. Range**

**(High Gain)** = -40°C to +160°C

**(Low Gain)** = -40°C to +550°C

**Video Speed** = 7.5 Hz

**FoV** = 69 x 56°

**Image Resolution** = 640 x 512

**Accuracy** = Radiometric  $\pm 5^\circ\text{C}$

### AUDIO

**Input** = Sennheiser MKE-

600 shotgun microphone

**Storage** = Removable 256 GB

USB 3.1

### ENVIRONMENT

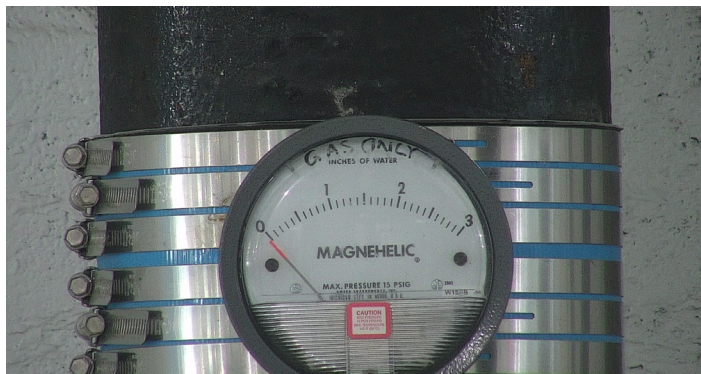
**Ingress Protection** = IP65

**Operating Temperature** =

-20°C to 45°C

\*Dependent on WiFi network signal strength

## Image Samples (IR, 30x Optical Zoom, 360° Color Panorama)



## Contact

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