

Spot[®] 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 ±5°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

sales@bostondynamics.com
www.bostondynamics.com/products/spot/payloads

BostonDynamics

