



## TASE™400 DXR

# EXTENDED RANGE DAYLIGHT IMAGING

Welcome to the next generation in extended range imaging. The Collins Aerospace TASE™400 DXR has a high performance dual daylight payload system capable of a 0.46° (SD) or 0.92° (HD) optical FOV while maintaining unmatched daytime video performance in a 7 inch payload. The 'DXR' series is designed to provide superior long-range daylight surveillance imaging for fixed wing, helicopter, manned and unmanned airborne applications.



### KEY FEATURES

- High performance and low SWaP at < 8.25 lbs / 3.74 kg
- Continuous zoom situational awareness camera
- Fixed zoom lens camera with optical image stabilizing element yielding stable video at 0.46° FOV
- Onboard GPS/INS - no external IMU needed for geo-pointing
- Common control and operator interface across TASE family of systems
- Environmentally sealed
- Onboard image processing capable of target tracking, scene steering and electronic image stabilization
- ViewPoint payload software features complete control of TASE payloads - integrated moving map, real-time mosaicing, Path-Track, and video recording

**PAYLOAD PERFORMANCE**

Rotation Limits: 360° continuous pan,  
+ 45° / -85° tilt

Slew Rate: 150°/sec

Payload Stabilization: 2-axis

**DAYLIGHT CAMERA 1**

36x continuous optical zoom

HFOV: 57.8°(SD) - 1.7°

**DAYLIGHT CAMERA 2**

125x fixed zoom

HFOV: 0.46° (SD) - 0.92° (HD)

**CONTROL INTERFACE**

RS-232, CAN, Ethernet

**VIDEO OUT**

H.264 with embeded KLV Metadata

**ELECTRICAL**

VIN: 10 - 30 Volts

Power: 25W (average) 100W (max)

**MECHANICAL**

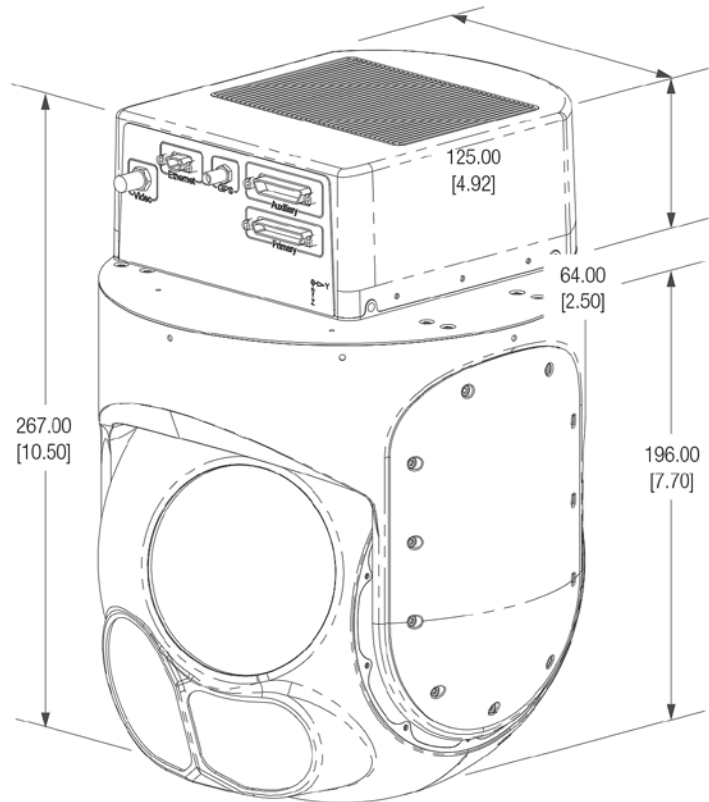
Diameter: 7 inches (177.8 mm)

Height: 10.5 inches (266.7 mm)

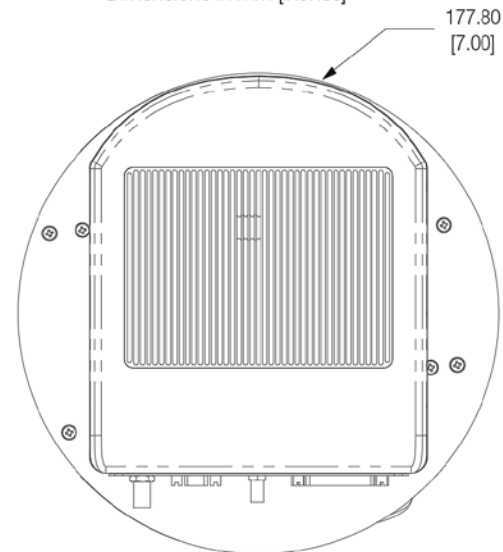
Weight: 8.25 lbs. (3.74 kg)

**ENVIRONMENTAL**

Operating Temperature: -20°C to +60°C



Dimensions in mm [inches]



Specifications subject to change without notice.



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