A LEADING SOURCE OF REAL-TIME INTELLIGENCE

Over 500,000 operational hours of advanced, reliable imaging for warfighters and first responders
SUPERIOR PERFORMANCE, LOWEST SIZE WEIGHT AND POWER (SWaP)

TASE™ 250 LWIR
Compact lightweight EO/LWIR

**Mechanical**
- Diameter: 5.5 inches (139.7 mm)
- Height: 7.5 inches (190.5 mm)
- Weight: <4.4 lbs (<1.99 kg)

**Electrical**
- VIN: 14 - 30 volts
- Power: 25 W (average) 100 W (max)

**Payload performance**
- Payload stabilization: 2-axis

**Video out**
- (H.264): 640 x 480 30 Hz
- with embedded metadata

**Long wave IR camera**
- Dual field of view lens
- HFOV: 11° - 4.4°
- Resolution: 640 x 480

**Daylight camera**
- Stepped digital zoom: 4x
- HFOV: 14.5° - 2.5°

**Laser pointer** (optional)
- Class IIIb laser
- 830 nm (NVG band)
- 130 mW max
### TASE™ 400 DXR
Extended range daylight imaging

**Mechanical**
- Diameter: 7 inches (177.8 mm)
- Height: 10.5 inches (266.7 mm)
- Weight: 8.25 lbs (3.74 kg)

**Electrical**
- VIN: 10 - 30 volts
- Power: 25 W (average) 100 W (max)

### TASE™ 400 BLK II
Advanced day/night imaging

**Mechanical**
- Diameter: 7 inches (177.8 mm)
- Height: 10.5 inches (266.7 mm)
- Weight: 9.0 lbs (4.08 kg)

**Electrical**
- VIN: 10 - 30 volts
- Power: 35 W (average) 100 W (max)

### TASE™ 500 HD
Advanced multi-spectral imaging

**Mechanical**
- Diameter: 10.25 inches (260.35 mm)
- Height: 14.75 inches (374.65 mm)
- Unmanned weight: 33 lbs (15 kg)
- Manned weight: 37 lbs (17 kg)
- Color: black and gray

**Electrical**
- VIN: 18 - 30 volts
- Power: 95 W (average) 125 W (max)

<table>
<thead>
<tr>
<th>Payload performance</th>
<th>Payload stabilization: 2-axis</th>
</tr>
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<tbody>
<tr>
<td><strong>Video out</strong></td>
<td>- SD: NTSC or PAL</td>
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<tr>
<td></td>
<td>- HD (H.264): 720P 30 Hz</td>
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<tr>
<td></td>
<td>- with embedded metadata</td>
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</tbody>
</table>

| Daylight Camera 1   | Continuous optical zoom: 36x |
|                     | HFOV: 57.8° - 1.7° (SD)      |

| Daylight camera 2   | 125x fixed zoom              |
|                     | HFOV: 0.46° (SD) / 0.92° (HD) |

| Daylight Camera      | Continuous optical zoom: 10x |
|                     | Digital zoom: 24 and 4x      |
|                     | Wavelength: 3 to 5 μm        |
|                     | Resolution: 640 x 512        |
|                     | HFOV: 29° - 1.9° continuous  (SD) |

| Mid wave IR camera  | Continuous optical zoom: 6.3x |
|                     | Continuous digital zoom: 4x   |
|                     | Wavelength: 3 to 5 μm         |
|                     | Resolution: 1280 x 720        |
|                     | HFOV: 17.° - 3.0° continuous  (SD) |

| Daylight Camera      | Continuous optical zoom: 29x |
|                     | HFOV: 57.8° - 1.7° (SD)      |

| Laser illuminator (narrow beam) | Class IIIb laser¹ |
|                                 | 830 nm (NVG band) |
|                                 | 150 mW max        |

| Laser pointer ¹ (optional) | Class IIIb laser¹ |
|                          | 830 nm (NVG band), 130 mW max |
ADVANCED IMAGING CAPABILITY

Our payloads collect full motion video utilizing multiple sensors in support of intelligence operations. These systems provide solutions to complex tactical situations through the use of high resolution and unique imaging solutions. When size, weight and power are priorities, TASE™ Imaging Systems is the leader in creating sound solutions in demanding environments.

INDUSTRY LEADING SIZE WEIGHT AND POWER (SWaP)

The TASE series of stabilized camera payloads are small, light-weight and robust. Less weight and minimal power requirements translate into increased useful load, endurance and mission performance.

ADVANCED COMMAND AND CONTROL SOFTWARE

ViewPoint is an advanced user interface software application that displays video and command/control for TASE payloads. Key features include: video recording and playback with associated payload metadata, real-time display of video and metadata for operational awareness, camera control via joystick, keyboard and/or touchscreen.

Object tracking enables the TASE payload to autonomously track selected objects such as people, cars, trucks or other objects moving in the scene based on image match within a user adjustable target box.

Moving map displays location and payload sensor footprint on the ground. Satellite, streets and maps, or any user-supplied maps are supported.

PathTrack autonomously points the payload toward pre-loaded GPS coordinates along a path. PathTrack auto-detects aircraft heading and picks up the path for tracking.

GeoStamp enables the operator to designate areas of interest with the click of a button. The event is tagged on a map, a still image is captured and the location is logged. This feature is invaluable when a still-image of an object/feature is needed for later reference.

TASE PAYLOAD KEY FEATURES

• Onboard GPS/INS - no external IMU needed for geo-pointing
• Common operator interface across TASE family of systems
• Environmentally sealed
• Onboard image processing capable of target tracking, scene steering and electronic image stabilization
• Laser pointer, laser rangefinder options (selected payloads only)

To learn more, go to collinsaerospace.com/tase

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