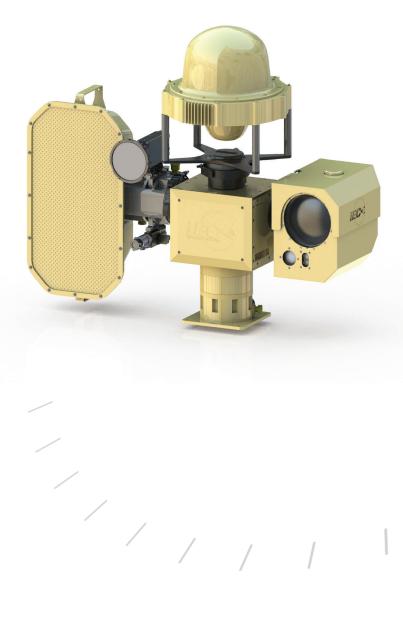




Integrated Surveillance Systems

Ultralight ROWS

Banshee Remote Threat Detection, Assessment & Mitigation



- ⊕ LWIR 25mm-225mm Assessment Camera
- \oplus 360° Ground Surveillance Radar
- \oplus 143db Long Range Acoustical Device
- ⊕ 12 million Candle Power White Spot Light_
- Green Laser Dazzler w/ LRF for NOHD Calculation
- ⊕ Line Replaceable Unit Configuration
- \oplus Tools Free/Cable Free Payloads Swap Out in Seconds
- Protect Unmanned Critical Assets from Remote Locations

Export of these systems is under the control of the Office of Munitions Control, U.S. Department of State and is subject to the International Traffic in Arms Regulations and falls under the International Traffic in Arms Regulation per title 22, Code of Federal Regulations (CFR), Parts 120-130. Shipment without proper licensing by the U.S. Department of State or consent is strictly prohibited.



Banshee

Specifications



Tactical Command Module

Assessment Camera

- Thermal 640x480 LWIR
- uncooled VOx 17µm
- Spectral range 7-12µm
 NETD <50 millikelvin
- 25mm-225mm f/1.2 motorized electric focus continuous optical zoom 24.3° to 2.8° HFOV
- Visual 380k EXView CCD
 Spectral range 300-750 nanometers
- Minimum sensitivity 0.01 lux
- 3.4mm to 122.4mm continuous zoom 57.8° to 1.7° HFOV

360[°] Ground Surveillance Radar

- Upright human detection to 500m
- 8hz update rate user selectable
- 360° Situational Awareness

Long Range Acoustical Device

- 143db with 1000m range
- Live or recorded commands
- Pulsing siren deters threats

White Spotlight

- 12 million candle power
- Flood to Spot zoom control
- Strobe Mode to disorient threats
- Illuminate targets to 1000m

Green Laser Dazzler

- Obstructs vision day or night
- Effective to 300m
- Integrated LRF to regulate intensity

Werewolf Positioner

- Pan Travel: 360° continuous rotation • Tilt Travel: Minimum +/- 90° Tilt
- Optional -90° to +180° Tilt Pan/Tilt Speed: Slow speed down
- to 0.002^o/sec High speed up to 100°/sec
- System Weight: 200lbs dependent on payload configuration and options

Environmental

 Temperature Operational: -40° C to +60° C Storage: -46° C to +85° C

IntrudIR Alert® C² Middleware

- Windows based single workstation
 Customized and scalable to user's requirements
 - Allows control and configuration of all system components
 - Performs auto or manual slew to cue between 360 panoramic & assessment cameras
 - Intuitive and easy to operate



Green Laser Dazzler



IntrudIR Alert® C² Middleware

7803 Freeway Circle Middleburg Heights, OH 44130 440.234.8000 www.iecinfrared.com