SEEING THE UNSEEN
HurleyIR Inc. is a leading woman-owned manufacturer of infrared and visual camera systems which are used on a variety of platforms. With thousands of units deployed throughout the world and less than a 1% failure rate in the field, HurleyIR is trusted by all branches of the US military to protect our armed forces with the most reliable, rugged and durable camera systems available.

Our systems currently protect International Airports, Camp Victory, Mata Khan District Center, Sar Howza District Center, COP Margah, Bari-Ali, Yosef Kehl District Center, Super FOB, U.S. Military on RG-31’s, MRAPs, Buffalos, and HMMVWs and many more insulations and applications.

HurleyIR camera systems have been 810F & G tested and approved by the U.S. Army ATEC, surpassing all testing standards. All systems are built to withstand the harshest environmental conditions including, but not limited to: extreme heat and cold, blowing sand, salt, fog, three foot submersion depths, three foot drops on concrete, electromagnetic discharge shielding and explosion proof testing.
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With thousands of units delivered, HurleyIR boasts a failure rate of less than 1% in the field. Lead times for new productions can be accomplished very rapidly and in-house capabilities include manufacturing of up to 50+ units per week, with mass production facilities ready and waiting to handle larger orders. HurleyIR has the following manufacturing capabilities that lead to our prompt, reliable delivery:

- Latest Machine Strategies that provide high quality products
- HurleyIR works with many materials to accommodate our customers’ needs
- On-Site inspection staff
- Inspections reports
- Qualified Inspection Processes
- Access to ISO 9000 facilities
- All systems built to MIL-STD-810F/G
- In-house PHD’s with multiple specialties including electrical, mechanical, code & software
- Military approved Quality Assurance Process
- Military approved RFID labeling system
- NSN/DLA approved packaging and shipping system
- Electronic Inventory and Shipping Tracking System
CUSTOM ENGINEERING

Purchasing a custom sensor solution can be difficult when limited to existing models of cameras and accessory equipment. HurleyIR understands that your needs are unique - we can help you design a customized solution to fit your requirements.

HurleyIR builds custom camera solutions for specific customer requirements and applications. Each solution is designed to maximize ease of operator use, durability, and reliability. All HurleyIR systems are tested and certified to factory specifications and military standards.

- Custom solutions can be designed to protect your business, airport, port, building, or FOB
- HurleyIR has developed systems to accommodate many of the most commonly used controllers, protocols, DVR’s, and head end units
- Customization can range from small modifications of existing HurleyIR models, to completely custom, application-specific units

Past customization projects have included:

- Converting power in systems to become more self-sufficient (i.e. solar)
- Adding additional sensors such as GPS, Night Vision, Laser Range Finders, and Laser Designators/Illuminators
- Custom hardware & software for Medical Cameras
- Custom vehicle mounts and mast integration

- Baja Racing Cameras
- Super Sensitive Detector Integration for Scientific Applications
- Full Site Survey & Design Consultation Worldwide

Past customization projects have included:

HurleyIR manufactures camera solutions to meet any specialized requirement. Applications for our products include:

- State and Federal Security Systems
- Law Enforcement Agencies, Vessel and Vehicle Mounted
- Rapid Deployment for Military
- Fully Self Sustaining Power Solutions
- Vehicle Integration
- Airport Perimeter Security
- US & International Border Protection
- Base Security
- Port Authority Security
- Process Monitoring
- Food Plant Monitoring

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INTEGRATION, INSTALLATION & MAINTENANCE

Each customer has unique requirements for security. HurleyIR prides itself on designing and integrating custom camera solutions for your specific mission. Beyond the custom design and manufacturing of your systems, we will also provide on-site integration, installation and maintenance services. With the availability of these on-site services, HurleyIR’s customers take full advantage of our capabilities with a start-to-finish solution: beginning with selecting the appropriate hardware to installing all materials on site and maintaining your solution for years to come. As an added benefit, the utilization of our maintenance services can help your organization maintain low maintenance expenses while keeping your security solutions running at optimal levels.

HurleyIR capabilities range from site surveys to determine requirements, installation, on-site training, and maintenance plans to ensure long-term success of your security system. The HurleyIR team travels worldwide and can provide training in multiple languages. HurleyIR will work closely with each customer to determine which product and service is needed to fit any budget or need.

In today’s heightened security environment, and with networks becoming more and more complicated, technicians need to be well-versed in advanced networking and computing, as well as security implementation. HurleyIR technicians and integrators are knowledgeable and trained on all HurleyIR solutions for guaranteed reliability.
BIG SHOT

Optical Power with rugged simplicity; best describes the toughest most versatile thermal imager today…The “Big Shot”! This advanced optical solution was a cumulative design of many requirements rolled into one multi spectral camera. The Big Shot was the answer for the need to cover the critical three spectrums in a continuous zoom, long target range optical system. The Big Shot covers Infrared, near infrared and visual regions of the electromagnetic spectrum. Mildly put, its never blind with zero light.

The Big Shot, by initial request, was to be an advanced optical system for military vehicles, but quickly found itself on high speed security vessels. Its high quality aluminum chassis with stainless steel gears and hardware never flinched at the pounding delivered from rough terrain military vehicles, while its positive pressure double seal enclosures could withstand the constant salt water drenching from the wave busting vessels. The exceptional image quality caught the attention of the site security world and the Big Shot was fine with some light duty applications on a tower or wall. The Big Shot just needed to become multilingual so it could fit in with those big commercial security systems, so we taught it how to speak full Pelco D, Phillips Bosch and TASS protocols. Its plug and play turnkey insertion feature made integration to existing security a breeze. The best part about the Big Shot is it’s easy on the budget.

SYSTEM HIGHLIGHTS
- Long Range Capable (up to 5KM)
- Sleek and Portable
- 640X480 Standard Resolution
- Most Commonly purchased thermal imager
- Military Hardened (MIL-STD-810 F/G)
- Continuous zoom/auto focus lens
TOP DOG

The Top Dog is the longest range non-cryogenic thermal imager available on the market. The high resolution combined with the 350mm high-grade germanium optics allows the you to continuously zoom and automatically focus on your target at maximum standoff distance. Easy integration with many common protocols. It has a long range laser designator/illuminator. A target tracking option is available. For the pinnacle in long range 24 hour surveillance, look no further; the Top Dog has you covered.

Applications

SYSTEM HIGHLIGHTS

- Longest Range available for non-cryogenic thermal imager
- Long Range Capable (up to 20KM)
- Military Hardened (MIL-STD-810 F/G)
- Unparalleled price amongst competitors
- Continuous zoom/auto focus lens
- Crystal clear image
TomKat

VEHICLE MOUNTED

The TomKat is HurleyIR’s latest answer to a miniature PTZ thermal imager. Lightweight, compact and versatile, the TomKat performs well in any application. Configured with your choice of an advanced 320x240, 640x480 or 1024x768 array, 360° continuous rotation, and a quick-disconnect mounting platform, the TomKat is built to exceed all expectations. The TomKat is delivered with a rugged LCD controller for on-the-go viewing of your IR and Visual cameras.

Applications

- Light, mobile, & portable
- 360° rotation for panoramic views
- Slow to fast speed capabilities
- Various resolutions available

SYSTEM HIGHLIGHTS

- IR & Visual spectrum options
- Customizable communication protocols
- Affordable price
The TomKat Security is HurleyIR's latest answer to a miniature PTZ thermal imager. Lightweight, compact and versatile, the TomKat performs well in any application. Configured with your choice of an advanced 320x240, 640x480 or 1024x768 array, 360° continuous rotation, and a quick-disconnect mounting platform, the TomKat is built to exceed all expectations. The TomKat is delivered with a variety of common protocols for easy integration into any security configuration. Multiple mounting brackets are also included for quick installation. Long Range IR and Visual cameras provide 24-7 security, in any environment.

Applications

SYSTEM HIGHLIGHTS

- Great for site surveillance and security
- Range up to 3KM
- Inverted mount
- 360° rotation for panoramic views
- IR & Visual spectrum options
**TomKat ILLUMINATOR**

The TomKat is HurleyIR’s low cost and rugged PTZ Day/Night Camera with illuminator. Lightweight, compact and versatile, the TomKat performs well in any application. Configured with a long range day/night camera, long range illuminator, 360° continuous rotation, and a quick-disconnect mounting platform, the TomKat is built to exceed all expectations. Multiple mounting configurations are supplied for easy installation. Common communication protocols are included.

The TomKat is HurleyIR’s latest answer to a miniature PTZ thermal imager. Configured with your choice of an advanced 320x240, 640x480, or 1024x768 thermal array, 360° continuous rotation, and a quick-disconnect mounting platform, the TomKat is built to exceed all expectations.

**Applications**

- 360° rotation for panoramic views
- Inverted mount
- Lightweight
- Wiper blade ensures scans in all weather
- IR Illuminator can reach up to 300 meters
- Better than most NV cameras when in NV mode
- Continuous zoom/auto focus lens
- Range up to 7KM
- Great for license plate data collection
- Easy to Integrate-Speaks Common Protocols

**SYSTEM HIGHLIGHTS**
If your application requires a customized surveillance solution then RDC-DSC is your answer. Each RDC-DSC is configured with a thermal and daylight PTZ camera, rechargeable battery power, mounting platform and a remote sensor unit capable of storing up to a week of recorded video footage per camera unit. The Deployable Sensor Command software controls and monitors up to 16 deployed cameras and up to 128 slew to queue alarm sensors all form one laptop over a closed wire network, or through a secure wireless mesh. Rapid set-up and break down along with modular design and limitless sensor configurations makes the RDC-DSC the most adaptable 24 hour surveillance system in its class. 10 minute set-up per system, Solar Recharging Capability, Slew to Queue Sensors, Thermal and Daylight PTZ cameras, Wireless or Wired Configurations.

Applications

- Customizable with any HurleyIR thermal imager
- 10 minute set-up
- Perfect for rapid deployment missions
- FLUID Mesh Antenna provides long range communication
- OMNI Directional and/or line of site antenna communication
- Remote control capabilities
- Solar charging units makes system self sufficient
- Camouflage capable
MX2

The MX2 is a waterproof and environmentally sealed handheld thermal imager that provides stealth standoff and tracking of targets in complete darkness. The MX2 allows the user to output video to a large monitor or recorder. The MX2 is a small comfortable infrared camera that runs on AA batteries, and provides on the go thermal security.

MX3

The rugged and powerful MX3 provides a crystal clear infrared imagery in a small, compact handheld hardened case. The advanced 320x240 resolution thermal imager sees through dirt, dust, sand, fog, and complete darkness. Built to military standards, the MX3 weighs only 13oz and operates on 2 AA lithium or Alkaline batteries. True infrared technology allows the MX3 to help you see in any condition without any blooming from lights. Optional 2X, 3X and 4X optics are available for extended range.

Applications

SYSTEM HIGHLIGHTS

- Small, lightweight, & mobile
- Battery powered
- Handheld with pan & tilt mount available
- Video output ability
- Waterproof and environmental sealed
- Floats in water
- Rubbered Armor
- Drop tested from 1.5m
WATCH SCOUT VEHICLE

The WatchScout vehicle is a custom security system designed to be installed on vans or trucks, transforming the vehicle into a high power surveillance system. The WatchScout system’s standard configuration consists of long range surveillance “BigShot” PTZ, (Day, Night and Thermal) camera system. The high resolution color, day / night capabilities, and continuous zoom thermal camera provides target detection beyond 10KM. The BigShot is mounted on an electric mast that raises the camera 20 feet. The BigShot comes in numerous configuration of optics, sensors and resolution that can be designed specifically for your mission requirements.

The WatchScout Power system uses a 400 amp sealed battery bank with a high end 50 amp smart charger/invertor. The power system is designed to be automatically functional with USA or European electric configuration. The power system provides a wide range of DC and AC voltages at 50 or 60 Hz. The battery bank is chargeable from the built in shore power or generator power receptacles built into the rear bumper. The WatchScout smart power system is designed to provide minimally 8 hours of quiet battery run operations with a control panel that allows you to shed unneeded components loads from the system as run time may require. The WatchScout system comes with a host of options that can enhance the capabilities of your system, increasing the capability to meet the toughest mission requirements.

Applications

- Ideal for mobile surveillance missions
- Customizable interior/exterior
- Telescopic mast system
- Customizable with any HurleyIR thermal imager
- DVR, CPU, & monitors

- Work desk with swivel seating
- Directional dome lights
- Battery bank & backup generator
- AC inverter & AC circuit panel

SYSTEM HIGHLIGHTS
SPECTRAL SERIES

Designed to fill the need in aerial security and pursuit with an attractively low price range in order to better match lower cost helicopters, the Falcon Spectral Series aerial gimbal systems are unparalleled in the world market today. The Falcon's secret is its hybrid sensors that do not require cooling, therefore providing many years of service at a reasonable price. The Falcon’s unique gyro-stabilized gimbal motors with high speed precision offer a design that allows users to modify the sensors as technology advances, while keeping the original Falcon gimbal system.

The rugged and highly reliable Falcon Spectral Series has four base models – Spectral I, II, III & IV; the Spectral I is a single imager with your choice of four spectral ranges for this imager: Visual (standard or HD), Thermal LWIR or SWIR, UV and Night Vision. The Spectral II, III & IV are essentially a way of indicating how many differing images desired within one power packed Falcon. For those looking for cooled thermal imagers, HurleyIR offers an extended range Falcon EX, and even this model is available at a much lower price, respectively, than its big ball competitors.

Applications

SYSTEM HIGHLIGHTS

- Perfect for aerial surveillance and commercial NDT/NDE
- Unparalleled price amongst competitors
- Customizable suite options & communication protocols
- Visual, IR, UV & NV spectrums available
- Great way to keep eyes on entire fleet
- Long Range capable
- Continuous zoom/auto focus lens
The HurleyIR staff works closely with you to provide high quality camera solutions built to your specifications. We provide consultation on materials and design to achieve the best results.

Our process is completely customized, delivering a host of options including custom sizes, optics, materials, controllers, software, power, mounting, recorders and accessories.