Classic-Style NightFINDER™

Searchlight/Thermal Camera integrated into one system!

Features

- NightFINDER™ Option offered on all C&F Classic Searchlight Products (Halogen and Xenon!)
- Camera Upgrades offered for Searchlights in the Field
- Two Thermal Cameras offered:
 Medium Range: services 800 Meters (approx.)
 Long Range: services 1500 Meters (approx.)
- Reduces Cabling and Saves Mounting Space
- Camera is used as a "Covert Targeting Device" to strategically light up object or person!
- "Built-in-Tracking" between Searchlight and Camera
- 2X/4X Digital Zoom (Long Camera Range-only)
- White Hot/Black Hot (Long-range Camera only)
- Optional Strobe provides Nonlethal Deterrence



350 Watt Xenon Searchight seen above with NightFINDER™ Option

By integrating a searchlight <u>and</u> thermal camera within the same design, you will realize the following benefits: **Save Money... Reduce Mounting Space...** have "**Built-in-Tracking**" between Searchlight and Camera, and provide "**Synergism with other Night Vision Systems**".

The camera and searchlight are precisely aligned, so they track together on the same target as the Pan/Tilt Base moves. Therefore, the camera can be used as a "Covert Targeting Device" to instantly and accurately illuminate the object (i.e. operator scans horizon covertly with camera, and when further recognition is required, the searchlight instantly and accurately illuminates the target!). This not only enhances ship navigation, but will also deny an intruder's night vision, with an intense blinding beam of light. And the optional strobe feature provides a disorienting and dizzying effect, thereby transforming the NightFINDER $^{\text{TM}}$ into a powerful nonlethal weapon! Scroll down to see the Camera Specifications (ref. page 2), and application diagrams with descriptions (ref. Exhibits A, B, C and D).



Search and Rescue!



See Intruders Covertly!



Long Range Camera



Camera Specifications

Sensor: 336 x 256 uncooled
Field of View: 6.5° H x 5° V

• Digital Zoom: 2X, 4X

White Hot/Black Hot offered

Temp Range: -40°C to +80°C

Video Signal: NTSC or PAL

Voltage/Power: 12VDC/15W

Environmental Protection IP67

Distance Serviced: *1500 Meters

*Note: Distances approx. and based on size and heat signature of object.

Specify a Model

Model	Description
15151X-12	Camera Kit for 305mm Diameter Halogen, and 350 Watt Xenon Searchlights.
15151X-19	Camera Kit for 381mm and 483mm Diameter Halogen, and 500 Watt, 1000 Watt and 2500 Watt Xenon Searchlights.

Medium Range Camera



Camera Specifications

Sensor: 384 x 288 uncooled
Field of View: 28° H x 21° V
Temp Range: -40°C to +80°C
Video Signal: NTSC or PAL
Voltage/Power: 12VDC/15W
Environmental Protection IP67
Distance Serviced: *800 Meters

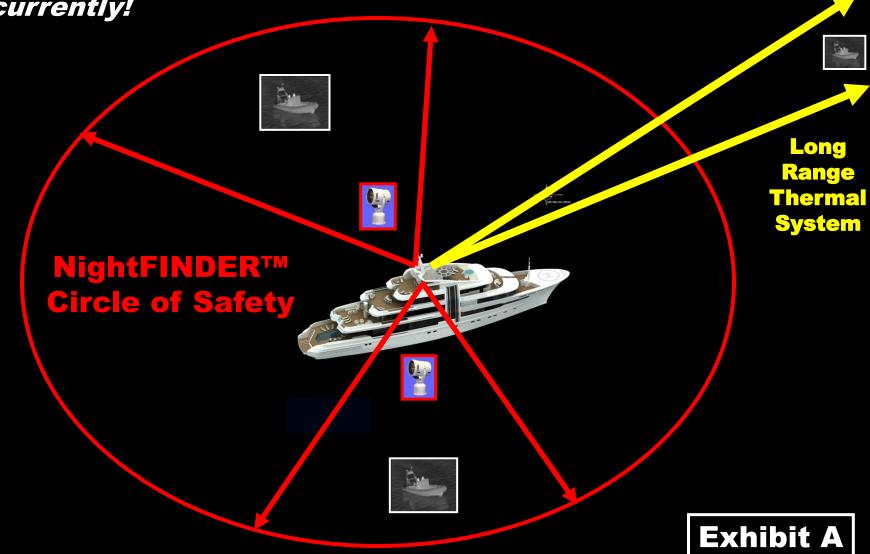
*Note: Distances approx. and based on size and heat signature of object.

Specify a Model

<u>Model</u>	<u>Description</u>
NF14400X-12	Camera Kit for 305mm Halogen
NF14400X-15	Camera Kit for 381mm Halogen
NF14400X-19	Camera Kit for 483mm Halogen
NF14400X-350	Camera Kit for 350W Xenon
NF14400X-500	Camera Kit for 500W Xenon
NF14400X-1000	Camera Kit for 1000W Xenon
NF14400X-2500	Camera Kit for 2500W Xenon



"A Complete Security Solution"... Even the highest end long range Night Vision Systems can only see in one direction at one time. NightFINDER™ Systems help form a "Circle of Safety" around the vessel, seeing covertly on all sides concurrently!

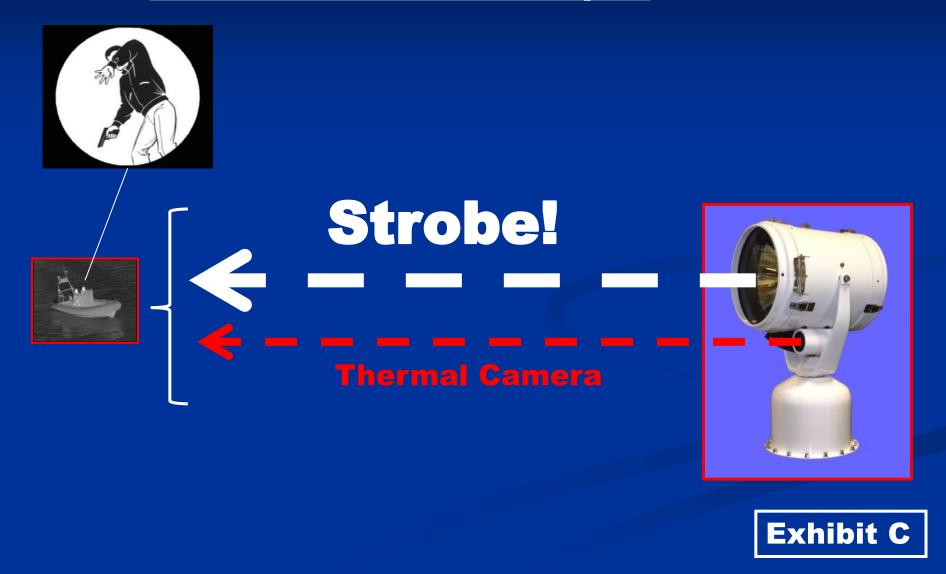


Precise alignment of the Searchlight and Camera on the same target, allows them to track on that same target as the Pan/Tilt base moves. As a result, the Camera can be used as a "Covert Targeting Device" to strategically light up a person or object!



Exhibit B

"High Powered Strobe"... blinds and disorients the intruder, transforming the NightFINDERTM into a <u>Powerful Nonlethal Weapon!</u>



Works Strategically with other Systems... Intruder is picked up by long range system first, then when comes closer, and enters "Circle of Safety", the NightFINDER™ Camera and Searchlight track on the same target together!

