

# Voyager III

Long-Range Multi-Sensor Thermal Night Vision System



## See At Night - Better and Farther Than Ever Before

Voyager III is the best Voyager yet. With two best-in-class thermal night vision cameras, and a dual-function daylight/lowlight color TV camera that lets you see harbor entrances and other vessels clearly in the half-light of dawn and dusk, Voyager III gives you the long-range night vision you need for navigation, radar target assessment, long-range threat detection, and to see to the next horizon.

Voyager III gives you all of the imaging capability and flexibility you could ask for:

- Wide angle and long range thermal night vision cameras for collision avoidance and long-range hazard detection.
- Powerful, long-range daylight/lowlight color TV camera with 26x optical zoom, and 312x digital zoom, allows you to identify other boats from farther away than ever when lighting conditions permit.
- Active gyro-stabilization provides steady imagery, even in rough seas; this is critical for getting the most out of the Voyager III's long-range lenses.
- Expanded interface capability lets Voyager III work hand-in-hand with your other marine electronics.
- Video Tracker automatically follows designated vessels with no operator inputs. Hands-off control is a great labor-saving feature usually only seen on more expensive cameras.
- Radar Tracking feature allows operators to use the Voyager III to identify and track specified radar returns, enhancing vessel safety in low visibility conditions. (Contact your FLIR representative today to discuss the technical requirements of this feature.)
- Internet Remote Control feature lets you operate your Voyager III from any location in the world with a suitable internet connection, so you can check on your boat even when you're away.
- Temperature Indication Scale allows you to determine temperature of objects in image. (Temperature accuracy is based on a number of factors; talk to your FLIR dealer for more information.)
- Surveillance Mode provides automatic pan left and right for hands-free lookout while in port or underway.
- Picture-in-Picture mode allows simultaneous display or both thermal camera images, or for you to see the images from the thermal and daylight cameras displayed at the same time on the same monitor.



**NetZeroTools**  
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Thermal Imaging Specifications	
Sensor Type	Two 320 x 240 VOx Microbolometers
FOV	20° x 15° (Wide FOV); 5° x 3.75° (Narrow FOV)
Focal Length	35 mm (Wide FOV); 140 mm (Narrow FOV)
E-zoom	4x (15x Total Magnification)
Image Processing	FLIR DDE
Daylight Imaging Specifications	
Detector Type	1/4" Super HAD Daylight/Lowlight Color CCD
Lines of Resolution	768 (H) x 494 (V)
Minimum Illumination	2 lux (@ f/1.6)
FOV	42° (h) to 1.7° (h) plus 12x E-zoom for 312x Total Magnification
System Specifications	
Camera Head Size	15.18" x 18.68"; 15.5" x 22" Swept Volume Cylinder
Bulkhead Box	10.42"(w) x 14.25"(l) x 6.26"(d)
Weight	45 lb
Pan/Tilt Coverage	360° Continuous Pan, +/-90° Tilt
Video Output	NTSC or PAL
Connector Types	BNC
Power Requirements	24 VDC
Power Consumption	<50 W nominal; 130 W peak, 270 W w/heaters
Environmental	
Operating Temperature Range	-20°C to 55°C
Storage Temperature Range	-50°C to 80°C
Automatic Window Defrost	Standard
Typical Configuration	Camera Head; Breakout Box; Joystick Control Unit; Cables; Operator Manual
Warranty	2 Year
Range Performance†	
Detect Man (1.8 m x 0.5 m)	~ 1.4 mi (2.25 km)
Detect Small Vessel (4.0 m x 1.5 m)	~ 4 mi (6.4 km)

New Features	Voyager II	Voyager III
EtherNet	N/A	•
Video Tracking	N/A	•
Temperature Indication††	N/A	•
Picture-in-Picture	N/A	•
Surveillance Mode	N/A	•

† = Actual object detection range performance may vary depending on camera set-up, environmental conditions, user experience, and type of display used.

†† = Temperature accuracy dependent upon object size, environmental conditions, and other factors.

All specifications are subject to change without notice. Visit [www.flir.com](http://www.flir.com) for the most up-to-date specifications.

