

# Voyager II™



## 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	386 mm x 474 mm; 394 mm x 559 mm Swept Volume Cylinder
Bulkhead Box	265 mm(w) x 362 mm(l) x 159(d)
Joystick Control Unit	156 mm(w) x 222 mm(l) x 68 mm(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

## Standard Package

Standard Package	Camera Head; Breakout Box; Joystick Control Unit; Cables; Operator Manual
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## Warranty

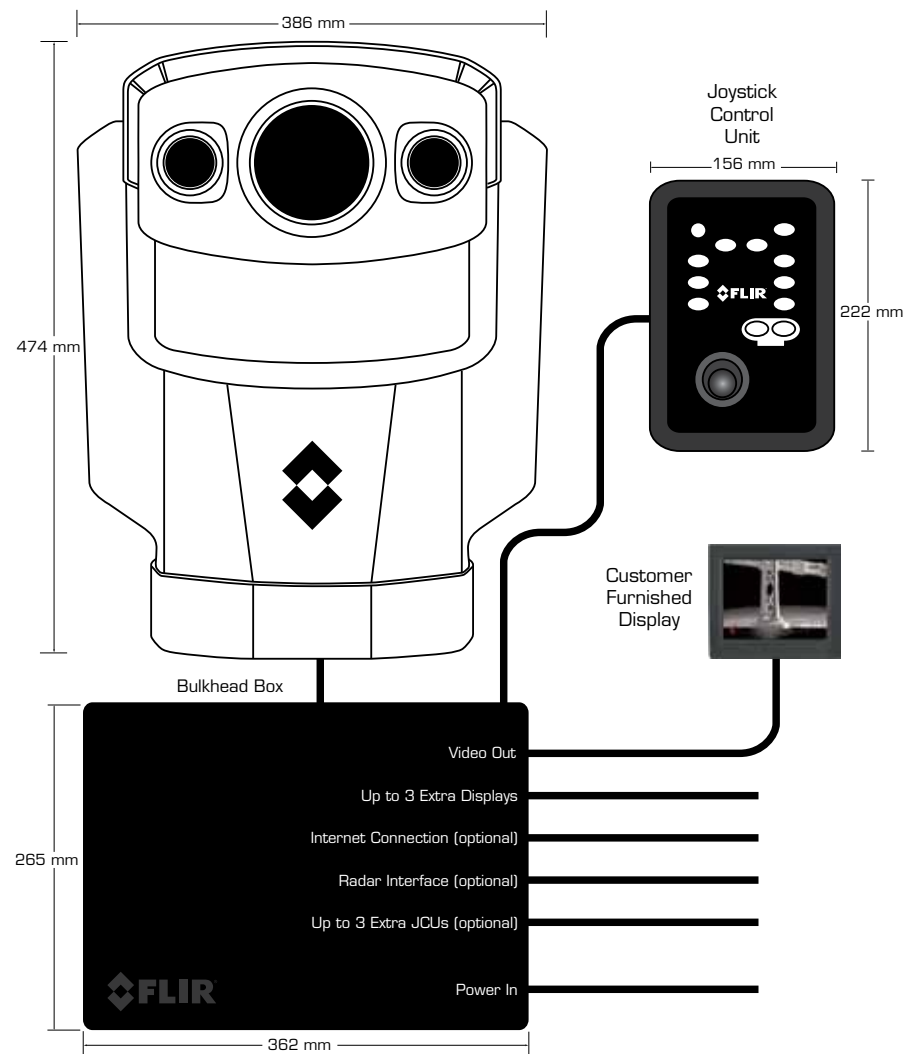
Warranty	2 Year
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## Accessories

Accessories	3 additional JCU's, up to 4 total
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## Range Performance†

Detect Man (1.8 m x 0.5 m)	2250 m
Detect Small Vessel (2.3 m x 2.3 m)	5800 m



† = Actual object detection range performance may vary depending on camera set-up, environmental conditions, user experience, and type of display use. All specifications are subject to change without notice. Visit [www.flir.com](http://www.flir.com) for the most up-to-date specifications.