



IRIS240 / IRIS241 NightSpotter Hand Held Thermal Scope



The **NEW NightSpotter Hand Held Scope** from Iris Innovations is the ultimate portable night vision tool, enhancing safety, visibility and security whilst at sea...

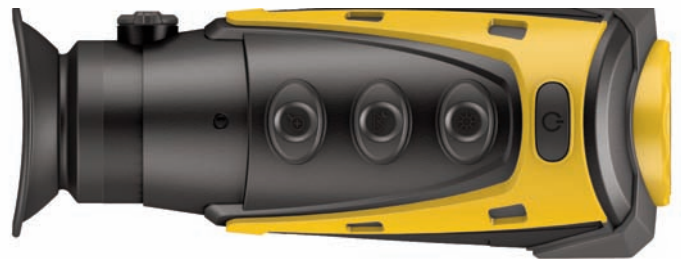
NightSpotter works by processing heat radiation given off by all objects to produce crisp, high resolution video images. NightSpotter is so sensitive, it can process temperature differences as low as 50mK. Because NightSpotter makes pictures from heat, it can be used in the dead of night, and in poor visibility without an external illumination source.

Available with either a 384x288 or 240x160 resolution, NightSpotter can be used to detect hidden objects, channel markers, debris and is an essential tool for man over board searches.

The scope is both lightweight and compact, with a built in high power LED torch, composite video output and adjustable focus setting, up to 4x digital zoom, white-hot, black hot and red-hot palette functions and adjustable brightness controls.

NightSpotter's portability not only makes it an incredibly useful addition to your onboard safety, but also makes a fantastic tool around the home for checking water and electricity pipes, roof insulation and even leaks. Why not take your NightSpotter hunting or for spotting wildlife? The NightSpotter really is the ultimate all round portable night vision scope.

- 384x288 and 240x160 Resolution Models
- <50mK Thermal Sensitivity
- 8~14 μ m Spectral Range
- 2x and 2x/4x Digital Zoom
- Built in High power LED Torch
- Composite Video Output
- IP66 Waterproof
- Extremely Light, Compact & Rugged



Iris Innovations

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IRIS240 / IRIS241 NightSpotter Specifications



Specification		IRIS241	IRIS240
Detector	Resolution	160X120	384X288
	Spectral Range	8~14 um	8~14 um
Lens	Focal Length	14.8mm	19mm
Image	Frame Rate	25Hz	25Hz
	Zoom	X2	X2 X4
	Palette	Black hot, White hot, Red hot	Black hot, White hot, Red hot
Power system		battery on board charging car charging	battery on board charging car charging
		USB for charging & Firmware Upgrade single 3.7v Li-on battery	USB for charging & Firmware Upgrade single 3.7v Li-on battery
		operating time more than 8 hours battery capacity shown on the screen	operating time more than 8 hours battery capacity shown on the screen
		stand by mode available	stand by mode available
illuminator		illumination LED /laser available	illumination LED /laser available
Interface	Tripod / Bracket interface	"1/4" Whitworth	"1/4" Whitworth
	Analog Video Out interface	Composite Video Out.	analog video out.
	USB	USB for charging and upgrade FW	USB for charging and upgrade FW
Display	LCOS	LCOS screen	LCOS screen
	Eyepiece	Monocular. Focus Adjustable	monocular. Diopter adjustable
Range	Detection Range (Human 1.7m)	300m	400m
	Recognition Range (Human 1.7m)	150m	200m
Environmental	Work Temperature	-20° to 50 °	-20° to 50 °
	Storage Temperature	-30° to 60°	-30° to 60°
	Humility	10%~95%	10%~95%
	Shock	25G IEC68-2-29	25G IEC68-2-29
	Vibration	2G IEC68-2-6	2G IEC68-2-6
	IP level	IP66	IP66
	Drop	1 m drop	1 m drop
	Certifications	CE	CE



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