

iFalconHM-Lite PRO

is an Integrated Electronic Safety Equipment (ESE) that enhances intervention time, room navigation, and air consumption.



**384x288 pixels - 8.0-14.0um
Thermal Sensor microbolometer**

**Display TFT 5.0" RGB
800x480 pixels
High Definition Details View**

LED illuminator

**5 buttons for
an easy usability
of all functions**

**Swappable Rechargeable
Battery**

TECHNICAL SPECIFICATIONS:		iFalconHM-Lite PRO
Material:		Flame Retardant Radel® Carbon Fiber with flame retardant resins
Sealing:		IP68
Dimensions:		450x180x285mm (LxWxH)
Weight:		1,35kg (including battery)
Thermal Detector resolution:		384x288 pixels, uncooled microbolometer
Sensitivity:		High Sensitivity 50mK (typical)
Spectral Response:		8.0-14.0 microns
Lens and Protective Window Material:		Germanium
Field of View:		39° H; 30°V;
Frame Rate:		25Hz or 30Hz
Visible Camera Detector:		Unavailable
Display Size and Resolution:		TFT 5.0" RGB, 800x480pixels
Laser Pointer and LED Lighting:		Included
Battery:		Li-Ion Intrinsically Safe
Mission Life:		>2h
Zoom Capacity:		4x
Selectable Color Palette		
LED Light Illuminator		

TECHNICAL SPECIFICATIONS:		iFalconHM-Lite PRO
Short Range wireless Data (no video):		Frequency 2.400-2.4835 GHz, with Radio Operation 802.11b/g/n Sensitivity -92dBm Output power 30dBm
Video and Audio storage:		48 hours minimum format MPEG4 – H264
Environment:		-20°C to 85°C (-4°F to 185°F) > 60 minutes 150°C (302°F): 15 min 260°C (500°F): 5 min
Warranty:		2 Years
Approvals:		CE Marking IP68
Compliant with standard EN443		
Includes iFalconAPP-Lite		
Temperature accuracy: +/-10°C		