

# 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
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 -89dBm Output power 20dBm
Image Storage:	Unavailable
Video and Audio Storage:	Unavailable
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	