iFalconHM-Lite

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
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:	56° H; 42°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 Intrinsecally Safe
Mission Life:	>2h
Zoom Capacity:	2x
Selectable Color Palette	
LED Light Illuminator	

TECHNICAL SPECIFICATIONS:	iFalconHM-Lite
Long Range Wireless Communication:	Unavailable
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	