

Spotter series

Thermal cameras



Lahoux Optics

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Lightweight and compact

The Lahoux Spotter series (M, P, Spotter, Pro V, Pro 25, Pro 35V, Elite 35 and Elite 50) cover a complete range of small and compact thermal cameras for observation. During limited visibility e.g. darkness or heavy brush, allows the camera to observe what so far remained hidden. Because of the low weight of this handy camera it is possible to observe large areas over a long time span without tiring the arm. The camera can be operated quick and intuitively (even without the manual).

Advantages

- Developed for fast and simple use, Dioptre setting is easily adjusted through a rotary knob
- Developed for night-time and limited visibility use
- Light, compact and waterproof, temperature range between $-20\text{ }^{\circ}\text{C}$ and $+50\text{ }^{\circ}\text{C}$
- Frame Rate 50 Hz; Multicolour display for an improved image: black-hot, white-hot, red-hot, multi-colour
- Integrated battery, rechargeable over USB connector
- The models Pro 25, Pro 35V, Elite 35 and Elite 50 can store and stream photos and video through Wi-Fi

Technical specifications

Model:	M	P	Spotter	Pro V	Pro 25	Pro 35V	Elite 35	Elite 50
Resolution:	240 x 180, VOx uncooled FPA	400 x 300, VOx uncooled FPA	400 x 300, VOx uncooled FPA	384 x 288, VOx uncooled FPA	384 x 288, VOx uncooled FPA	384 x 288, VOx uncooled FPA	640 x 480, VOx uncooled FPA	640 x 480, VOx uncooled FPA
Pixel size:	17 μm	17 μm	17 μm	17 μm	17 μm	17 μm	17 μm	17 μm
Spectral range:	8 - 14 μm	8 - 14 μm	8 - 14 μm	8 - 14 μm	8 - 14 μm	8 - 14 μm	8 - 14 μm	8 - 14 μm
Sensitivity (NETD):	< 50 mK	< 50 mK	< 50 mK	< 50 mK	< 50 mK	< 50 mK	< 50 mK	< 50 mK
Objective:	13 mm	19 mm	25 mm	19 mm	25 mm	35 mm	35 mm	50 mm
Zoom (digital):	1x, 2x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x
Video out (analogue):	yes, PAL	yes, PAL	yes, PAL	yes, PAL	yes, PAL	yes, PAL	yes, PAL	yes, PAL
Encapsulation:	IP66	IP66	IP66	IP67	IP67	IP67	IP67	IP67
Battery run-time (Continuous):	12 hours	4 hours	4 hours	12 hours	3,5 hours	3,5 hours	3,5 hours	3,5 hours
Battery run-time (Power save):	15 hours	5 hours	5 hours	15 hours	4,5 hours	4,5 hours	6,5 hours	6,5 hours
Size (LxWxH):	170 x 65 x 65 mm	160 x 67 x 62 mm	168 x 67 x 62 mm	160 x 62 x 62 mm	181 x 65 x 64 mm	185 x 65 x 64 mm	190 x 65 x 65 mm	190 x 65 x 65 mm
Weight:	0,37 kg	0,35 kg	0,37 kg	0,37 kg	0,45 kg	0,45 kg	0,52 kg	0,58 kg