

Lahoux *Spotter series*

Thermal cameras



Lahoux Optics

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Lightweight and compact

The Lahoux Spotter series (Mini, M, Pro V, T, 25, 35, Elite 35V and Elite 50V) 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 °C and +50 °C
- Frame Rate 50 Hz; Multicolour display for an improved image: black-hot, white-hot, red-hot, multi-colour
- Internal Li-ion battery, rechargeable via USB cable. Can be charged via a USB powerbank
- The models 25, 35, Elite 35V and Elite 50V can store (8 GB internal memory) and stream photos and video through Wi-Fi



Technical specifications

Model Lahoux Spotter	M	Mini	Pro V	T	25	35	Elite 35V	Elite 50V
Use	forest	forest/field	forest/field	forest/field	forest/field	field	forest/field	field
Detection distance	484 m	686 m	707 m	931 m	1318 m	1846 m	1846 m	2637 m
Battery runtime (wifi switched off)	15 hours	20 hours	15 hours	5 hours	7 hours	7 hours	6 hours	6 hours
Field of view	17.8°×13.4 °	13.5°×10.1 °	17.8°×13.4 °	15.4°×11.6°	10.5°×7.9 °	7.5°×5,7°	12.5°×10.0°	8.8°×7.0°
Field op view at 100 m	31 m	24 m	34 m	27.5 m	18.6 m	13.2 m	31 m	22 m
Detector								
Resolution	240×180	256×192	384×288	400×300	384×288	384×288	640×480	640×480
Pixel pitch	17 μm	12 μm	17 μm	17 μm	12 μm	12μm	12μm	12μm
Optics								
Lens	13 mm	13 mm	19 mm	25 mm	25 mm	35 mm	35 mm	50 mm
Relative aperture	F/1.0	F/1.0	F/1.0	F/1.1	F/1.0	F/1.0	F/1.0	F/1.0
Magnification (digital)	1×, 2×	1×, 2×	1×, 2×, 4×	1×, 2×, 4×	1×, 2×, 4×	1×, 2×, 4×	1×, 2×, 4×	1×, 2×, 4×
Electronics								
Video out (analogue)	PAL	---	PAL	PAL	Wifi	Wifi	Wifi	Wifi
Display	720×540 px	720×540 px	720×540 px	1280×960px	1280×960 px	1280×960 px	1280×960 px	1280×960 px
Operational parameters								
Encapsulation	IP66	IP66	IP66	IP66	IP67	IP67	IP67	IP67
Dimensions (l×w×h)	170×65×65 mm	160×62×62 mm	160×62×62 mm	168×67×62 mm	181×65×64 mm	186×65×64 mm	188×65×64 mm	202×65×64 mm
Weight	0.37 kg	0.32 kg	0.35 kg	0.37 kg	0.45 kg	0.45 kg	0.45 kg	0.52 kg