

LONG RANGE THERMAL IMAGING CAMERA LEADER TIC 3.1 LR1000



| ADVANTAGES | SPECIFICATION | ACCESSORIES | DOWNLOAD | MODELS |
|--|--|-------------|----------|--------|
| LEADER TIC 3.1 LR1000 | | | | |
| Dimensions | 165 (L) x 140 (W) x 85 (H) mm (+110mm with optional pistol grip) | | | |
| Weight | 920g with 2 batteries / 835g with 1 battery (pistol grip +170g) | | | |
| Display | 3.5" LCD / 320 x 240 (76.800 Pixel) Backlighted / Brightness: 800 cd/m ² | | | |
| Frequency | 60 Hz Fps | | | |
| T°C Range | -40° to +1150°C | | | |
| Colorization | Standard: Fire Option: Search | | | |
| HOUSING | | | | |
| Material | PUR / Elastomer | | | |
| Drop Test | 2 m on concrete | | | |
| IP | IP67 / 1 meter 30 minutes | | | |
| Heat resistance | 150°C for 15 min / 260°C for 5 min | | | |
| SENSOR | | | | |
| Type | Uncooled 17µ Amorphous Silicon (aSi) Resolution 384 x 288 | | | |
| Spectral range | 7-14 µm | | | |
| T°C sensitivity | NETD: <40mK (<0.04°C) | | | |
| OPTICS | | | | |
| Material | Carbon Coated Germanium protected by a germanium window | | | |
| Lens | LR1000 = 35 mm | | | |
| Focus | LR1000 = 5m to infinity / F/1.5 speed | | | |
| Visual field / FOV | LR1000 = H: 9.4° / V: 7° / Diagonal: 11.7° | | | |
| GENERAL | | | | |
| Power supply | LiFePO ₄ batteries (85g) | | | |
| Running time (20°C) with Eco-Boost-System since October 2018 | > 8h (2 batt) / > 4h (1 batt) > 6h (2 batt) with non-active video > 5h (2 batt) with recording video | | | |
| Boot time | < 5 sec | | | |
| Charging voltage | 12/24 VDC or 100-240 VAC | | | |
| Charging time (for 2 batt / consider half for 1 batt) | Charging bay: ~ 2h Mains charger: 100% in ~ 2h 90% in ~ 1h30, 80% in ~ 1h20 | | | |
| Charging cycles | > 5000 | | | |
| Memory (optional) | 8 GB internal SD card (8h video or 1000 pics) | | | |
| Warranty | 5 years on camera / 6 years on batteries / 10 years on thermal sensor / 1 year on accessories (chargers, charging bay, etc...) | | | |

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