Help and Support
+385 1 6553 655
info@vatropromet.hr

Fire Thermal Imaging Camera Leader TIC 4.1 LR1000

4.1-LR1000

Effective and simple thanks to its unique action button, and equipped with a large 4'' screen, Leader TIC 4.1 LR1000 Long Range thermal imaging camera is particularly suitable for Search & Rescue operations in large open fields such as sea, mountain, country side, desert...

Compact, lightweight and incorporating a wide range of temperature measurement (-40°C to +1150°C), it was designed for ease of use. Ideal for rescue operations, search for missing persons, rescue or surveillance teams searching for and locating people at night, in rough or smoky environments.

Resistant to fire, robust, with germanium window to protect the internal electronics, using a wide-angle lens (H 51° V 40°) and an ultra-sensitive infrared sensor (17µ Silicon Amorphous aSi 384 x 288), Leader TIC 4.1 LR1000 confirms its status of field thermal imaging camera.

For thermal cameras that have Video or Picture function, a wireless transmission kit is available as an option to be plugged for streaming live the images on 3 digital devices simultaneously (mobile, tablet, computer)! It is useful for trainings or special operations.

The Benefits

- Allows the recognition of a person at 200 m and to detect it at 1000 m
- Compact & lightweight: 950 g with 2 batteries
- 4“ screen
- Wide range of T°C: -40°C to +1150°C
- Video, photo and still image recording
- Fast start: <5 sec.
- Batteries guaranteed for 6 years / 5000 cycles of charges
- 5 year warranty camera & 10 year warranty sensor
- Up to 8h of battery life with 2 batteries depending on the model chosen
- Germanium lens to protect optics
- Optional pistol-type handle
- Optional wireless transmission kit for live video streaming

Technical specifications

- Type: Long Range camera for vision at 200m (detection at 1000m)
- Dimensions: 175 x 145 x 97 mm
- Weight: 950 g with 2 batteries
- Screen: 4''

- Range of T°C: -40°C to +1150°C
- Colouring: 1 to 2 modes (Fire/Search)
- Functions: ON/OFF, Choice of colouring, Still image, Video recording (option)
- Batteries: LiFePO4 designed for high T°C (fire safety)
- Autonomy: Without Video option = 8 h with 2 batteries. With Video option = 6 h with 2 batteries and non-active video, or 5 h with active video.
- Protection: Germanium lens to protect the optical system
- Start: Less than 5 sec.
- Button: x1 large-sized for use with gloves
- Sensor Type: 17µ Amorphous Silicon aSi
- Sensor Resolution: 384 x 288
- Warranty: Camera 5 years, Batteries 6 years, Sensor 10 years
- NFPA: Meets most of the points of NFPA1801:2018 standard







