



FLEX-TAC-LIGHT

TACTICAL LIGHTING SERIES

- › Integrated Wireless Thermal Camera
- › Powerful Remote Controlled IR Illuminator
- › Visual and Infrared Laser Target Designator



FLX-TAC4ILICTRC

- Thermal and visible overlay imaging camera
- Completely wireless and battery powered system
- Wireless networking reliable on over 1,000 feet
- Optional adaptor for Manfrotto tripod
- Compliant with all Flexlite video command stations



TACTICAL LIGHTING SERIES

FLX-TAC4ILICTRC

OUR MOST COMPACT COMBINED THERMAL IMAGING AND IR LIGHTING SYSTEM

The powerful infrared lighting provided by each projector can quickly and safely lighten the tactical operation area as soon as the teams arrive. With its great autonomy, the system is self-sustaining and does not require any other external power source, thus avoiding the presence of cumbersome wires on the ground inside the security perimeter. The purpose of this system is to reduce the time required to deploy lighting equipment and to make the work of the field staff easier as well as to enhance their security.

Each unit is easily operated via wireless remote control, making it possible to control it from a safe hidden location. Whether it is used for surveillance or tactical operations, this system has the capabilities to support a multitude of operations and to increase the mission performance by extending operational options.

Equipped with a thermal camera, each unit can provide real time video streams to the mobile command center. The camera feeds can be viewed simultaneously or individually, allowing the operator of the command center to have a general overview of the thermal spot or to instantly zoom in on specific areas being monitored. There is no doubt that this will significantly improve team coordination.

Images are transmitted through a wireless network made up of the projectors and the command center. The outstanding communication capabilities of the system ensures each camera works adequately at a distance of 1000 feet regardless of buildings or vehicles obstructions. Furthermore, distances can reach up the 2 kilometers (1.5 miles) using a Flexlite external long range antenna. The images from each projector are recorded by the command post and can later be used as evidence or for training and improving response practices.

SPECIFICATIONS

LIGHTING

| | |
|----------------------------|-------------------|
| Infrared power | 34 Watts |
| Projection angle | 2 x 25° + 2 x 45° |
| IR wavelength | 940 nm |
| Positioning IR laser | Yes (1 mW) |
| Laser wavelength | 850 nm |

CAMERA

| | |
|----------------------|-----------------------------|
| Type | Thermal and visible overlay |
| Resolution | 640 x 480 |
| Spectral range | 7.5 - 13 µm |

BATTERY LIFE AT 21°C

| | |
|---------------------|-----------------------------|
| Economy mode | 6.5 hours (only 2 IR LED) |
| Full mode | 4 hours (all IR LED) |
| Camera only | 20 hours (without lighting) |
| Charging time | 6 hours (5 amps charger) |

WIRELESS NETWORK

| | |
|-------------------------------|-------------------------------|
| Protocole | TCP/IP |
| Bandwidth | 150 Mbps |
| Security | WEP / WPA |
| Range | Over 1000 feet |
| Extension range antenna | Up to 2 kilometers (optional) |

REMOTE CONTROL

| | |
|--------------------------|-------------|
| Range | 500 feet |
| Number of channels | 4 encrypted |
| Battery | 1 x 9 Volts |

HOUSING

| | |
|-----------------------------|------------------------------|
| Height | 4.25 inch (10.8 cm) |
| Depth | 4.75 inch (12 cm) |
| Width | 15 inch (39 cm) |
| Material | Black anodized aluminum |
| Weight | 12 lbs (5.4 Kg) |
| Protection IP Code | IP65 |
| Operating temperature | -40°C à 50°C (-40°F à 122°F) |

STAND (TACTICAL TRIPOD INCLUDED)

| | |
|--|----------------------------------|
| Tripod material | Black painted steel |
| Maximum extension | 6 feet (182 cm) |
| Maximum legs spacing | 42 inch (106 cm) |
| Fence hook | Integrated |
| Stability claws | Integrated |
| Compatible with Manfrotto tripod | With adapter SA-FLXSPOT-MFRTADAP |

ACCESSORIES

| | |
|---|---------------------|
| Adapter for 120VAC auxiliary source | SA-FLXSPOT-110VADAP |
| Adapter for 12VDC auxiliary source | SA-FLXSPOT-12VADAP |
| Tactical tripod set | FLXSTAND6-TAC |
| Carrying Bag | T-BAGFLX8.5X42X5.25 |
| Manfrotto tripod adapter | SA-FLXSPOT-MFRTADAP |
| Back transportation harness | FLX-HTP |
| Extension range antenna | FLX-ANTENNA-Y9 |
| Télécommande multizone | FLX-REMOTE-MASTER |

COMPATIBILITY

Compatible with all Flexlite video command posts

