

# HELION XQ50F THERMAL MONOCULAR

## TECHNICAL SPECIFICATIONS

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Microbolometer resolution</b>     | 384x288                  |
| <b>Frame rate (Hz)</b>               | 50                       |
| <b>Pixel pitch (µm)</b>              | 17                       |
| <b>Display resolution (pixels)</b>   | 640x480                  |
| <b>Display type</b>                  | AMOLED                   |
| <b>Magnification (x)</b>             | 4.1-16.4                 |
| <b>Digital zoom</b>                  | 2x/4x                    |
| <b>Objective lens diameter (mm)</b>  | 42                       |
| <b>Eye relief (mm)</b>               | 16                       |
| <b>Field of view (m@100m, Horiz)</b> | 13                       |
| <b>Range of detection (yds)</b>      | 2000                     |
| <b>Battery type</b>                  | B-Pack (18650<br>Li-ion) |
| <b>Battery life (hrs)</b>            | 8                        |
| <b>Dimensions (in)</b>               | 9.3 x 2.2 x 2.3          |
| <b>Weight (oz.)</b>                  | 17.6                     |



### INCLUDED ACCESSORIES

- Battery pack charging unit
- USB cable
- 220-USB plug
- Hand strap
- Cleaning cloth
- User manual
- Carrying case

### FEATURES

- 384x288 resolution, 17µm pixel pitch core
- 2000yd detection range
- 4x digital zoom - continuous zoom and 2x, 4x stepped zoom
- Picture in picture digital zoom
- Built-in Recording
- Stream Vision app connects scope to smart device
- External power supply adaptable
- Multiple color viewing modes
- High resolution AMOLED display
- Stadiametric rangefinder
- Rock, forest, and identification viewing modes
- IRIS technology, increased recognition and detection software
- Manual, automatic, and semi automatic calibration modes
- Defective pixel repair feature