

# Clifton Cameras Product Specification

## Pulsar Merger LRF XT50 Thermal Imaging Binocular Specifications

[Pulsar Merger LRF XT50](#)

### Specifications

Thermal Sensor	1280×1024, 12 $\mu$ m, <40mK NETD
Objective Lens	50mm f1.0
Magnification	2.0-16.0 x
Detection Range	2300 m
FOV	17.5°
Eye Relief	15 mm
Frame Rate	50 Hz
Image Stabilisation	Built-in
Display	1280×960 HD AMOLED
Audio/Video	Built-in video recording (with audio) and still image capture
Video Format	.mp4
Image Format	.jpg
Video Resolution	1280×960
Photo Resolution	1280×960
Rangefinder	Built-in precision laser rangefinder
Rangefinder Wavelength	905nm
Measuring Distance	1500 m
Measuring Accuracy	±1 m
Built-in Memory	64 GB
Wi-Fi	2.4/5.0 GHz
App Connectivity	Stream Vision 2
Body Material	Magnesium Alloy
Level of Protection	IPX7 Waterproof



Battery Life	Up to 6 hours (depending on temperature)
Power Source	Dual rechargeable Li-Ion internal battery & rechargeable APS3 external battery
Dimensions (HxWxD)	197 x 140 x 72 mm
Weight	950 g