



Clifton Cameras Product Specification

Pulsar Oryx LRF XG35 Thermal Imaging Monocular Full Spec

Thermal Sensor	640×480, 12μm
sNETD	<20 mK
NETD	<40 mK
Frame Rate	50 Hz
Objective Lens	35mm f1.0
Magnification	2.5 to 20x
FOV (HxV), Degrees	12.5°
Eye Relief	14 mm
Display	1024×768 AMOLED HD
Detection Range	1800 m
Rangefinder	Built-in Laser Rangefinder
Rangefinder Measuring Distance	Up to 1500 m
Rangefinder Measuring Accuracy	±1 m
Safety Class for Laser Equipment	1 (according to IEC 60825-1:2014)
Rangefinder Wavelength	905 nm
Video Recording	Yes, with audio + still image capture
Video / Photo Resolution	1024×768
Video / Photo Format	.mp4/.jpg
Built-in Memory	64 GB
Wireless Protocol	Wi-Fi
Wireless Standard	IEEE 802.11 b/g/n/ac (WPA)
Frequency	2.5/5 Ghz
Level of Protection	IP67 (IEC60529)
Operating Temperatures	-25 to +40°C
Support Application(s)	Stream Vision 2
Output Voltage	3.0 – 4.2 V
Battery Type	APS 5 Li-ion Battery Pack
Capacity	4900 mAh
Battery Life	Up to 12 hours (depending on temperature; tested at 22°C)



External Power Supply	5V; 9V (USB Type-C Power Delivery)
Body Material	Magnesium Alloy
Dimensions	179x52x77 mm
Weight	500 g