



Pixfra ARC A613 Thermal Imaging Monocular Specification

[Pixfra ARC A613](#)

Specifications

Thermal Sensor	640×512, 12μm, <30mK NETD
Detector Type	Vanadium oxide uncooled focal plane detector
Spectral Range	8μm~14μm
Frame Rate	50 Hz
Objective Lens	13mm f1.0
Field of View	H: 32.3°; V: 25.8°
Detection Range	670m
Magnification	0.875x
Colour Palettes	6 (white hot/black hot /iron red/ alarm/amber/emerald)
Close Focus Distance	0.5m
Digital Zoom	1x, 2x, 4x, 8x
Display Screen Dimensions	0.41 inch, OLED
Screen Resolution	1440 x 1080
Diopter	-4D ~ +5D
Eye Relief	15mm
Uniformity Correction	Auto; Manual
Storage	Built-in EMMC (32 GB)
Audio Recording	Yes
Hot Spot Trace	Yes
Wi-Fi	Yes
Power Supply	5 V Type-C
Battery Type	1 rechargeable 1850 Lithium battery
Battery Capacity	3,200 mAh



Battery Operating Life	Up to 6.5h
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Storage Temperature	−30 °C to +70 °C (−22 °F to +158 °F)
Protection	IP67
Product Dimensions	151.7 mm × 42.0 mm × 74.4 mm (5.98" × 1.65" × 2.93") (L × W × H)
Packaging Dimensions	227 mm × 150 mm × 132 mm (8.93" × 5.90" × 5.19") (L × W × H)
Net Weight	≤304 g (0.67 lb) (battery excluded)