

# UTx318 Series

## Thermal Monocular



1280  
X  
960

0.4" LCOS  
screen

384  
X  
288

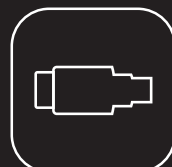
IR resolution



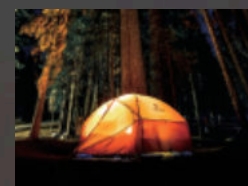
Selectable lens



Laser pointer



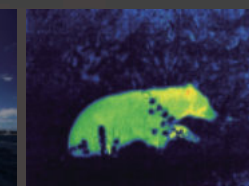
Type-C  
direct charging



Outdoor Camping



Sailing



Animal Observation



Night Patrol



Emergency Search  
& Rescue

Model	UTx313	UTx318	UTx325
<b>Parameter</b>			
Certificates	UL, RoHS, CE, UKCA		
Detector type	UFPA (Vanadium oxide)		
Detector resolution	384 x 288		
Display resolution	1280 x 960		
Display size	0.4" LCOS		
Spectral range	8~14μm		
Frame rate	50Hz		
Pixel size	12μm		
Lens focal length	13.5mm/F1.0	18mm/F1.0	25mm/F1.0
FOV	20.3°(H) x 15.2°(V)	14.6°(H) x 11°(V)	10.5°(H) x 7.9°(V)
NETD	<40mk		
Focus	Manual		
Battery capacity	3.6V 4000mAh		
Operating temperature	-10°C~50°C		
Storage temperature	-40°C~70°C		
Operating humidity	10%~95%Rh (non-condensing)		
Battery type	Fixed		
Battery charging time	≤4h		
Battery operating time	Continuous operating time>8 hours		
Storage capacity	16GB Internal		
<b>Functions</b>			
Palettes	Blackhot, Whitehot, Redhot, Ironbow, Rainbow		
Image mode	Thermal		
Hot Trace	Tracing the hottest area in real-time		
Digital zoom	2x, 4x		
Calibration	Shutter, Background, Auto		
Video output	MCX interface		
DDE	Details & Edge		
Pointer	Supported (650nm)		
Auto power off	5/15/30/50mins/off (default)		
Brightness & Contrast	Adjustable (10 Levels)		
Protection	IP67, 2m drop proof		
<b>Package</b>			
Product net size	207.6mm x 62mm x 62mm		
Product net weight	428g		
Standard accessories	Type-C USB cable, English Manual		