

UTx318 Series

Thermal Monocular



0.4" LCOS
(1280x960)

384
x
288

IR resolution

50Hz

Frame rate

2x
4x

Digital zoom



Hot trace

IP67

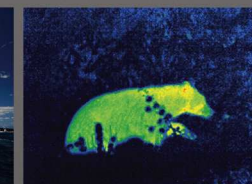
Waterproof
and dustproof



Outdoor Camping



Sailing



Animal Observation



Night Patrol



Emergency Search
& Rescue

Model	UTx313		UTx318	UTx325
Parameter				
Certificates	UL, RoHS, CE			
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			
Functions				
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			
Auto power off	5/15/30/50mins/off (default)			
Brightness & Contrast	Adjustable (10 Levels)			
Protection	IP67, 2m drop proof			
Package				
Product net size	207.6mm x 62mm x 62mm			
Product net weight	428g			
Standard accessories	Type-C USB cable, English Manual			