



HP-HTC4102WZ Series Helmet Thermal Camera



HTC Helmet Thermal Imaging Camera is a dedicated target shooting night vision viewer. The product is equipped with an advanced 384*288 resolution detector, can provide high-quality high-resolution infrared images, detecting in total darkness, fog and haze fireworks and can be used for man-night observation, finding the target.

By changing different connection support, it can be used in conjunction with a variety of sighting equipment, shooting equipment, observe equipment. It can be as all types of light weapons' telescopic sight, also be used as hand-held observation for night reconnaissance, search target.

Model		HTC4102WZ	
Effective Distance (Vehicle)	Detection	2.2km	
	Recognition	500m	
	Identification	280m	
Effective Distance (Human)	Detection	900m	
	Recognition	450m	
	Identification	230m	
Thermal Sensor	Sensor	5th generation FPA sensor	
	Pixels	384x288, 50Hz	
	Pixel Size	17μm	
	NETD	≤45mK	
	Spectral	7.5~14 μ m, LWIR	
Thermal Lens	Focal length	25mm	
	FOV	14.9° x 11.2°	
	Angular	0.680 mrad	
Image	PIP	Support	
	Exit Pupil	23mm	
	Diopter	-8 to +4	
	Pseudo Color	6	
	AGC	Support	
	Digital Zoom	2X; 4X	
	Function	E compass	Support
Function	Cross	Support	
	Angel Display	Support	
	Hot Tracking	Support	
	Display	Screen	OLED
Display	Resolution	1024x768	
	Battery	Battery	18650
	Battery	Start time	Less than 5s
Power consumption		<2.8W (video time)	
Interface		Video Output	Pal
	Power	5V	
Environmental	Operate ° C	0°C ~ +45°C	
	Storage ° C	-20°C ~ +60°C	
	Humidity	<90%	
	IP	IP66	

