



## **S750 Uncooled Thermal Imaging Camera**

### **Product introduction**

S750 is a multi-functional handheld thermal binocular, widely used in 24/7 surveillance, capture and evidence gathering. Operated in harsh environment, With shock and vibration resistance features achieved S750 the ideal choice for observing applications such as day&night surveillance, law enforcement, tracking, etc.

### **The main feature**

- Fast auto-focus
- Binocular OLED display
- Photo&Video record
- Electronics focus
- IP67
- CCD



# S750

## Uncooled Thermal Imaging Camera

Items	S750	S750-640
Detector type	Uncooled FPA microblometer	
Pixel size	8 - 14 $\mu\text{m}$	
Pixel	384 $\times$ 288	640 $\times$ 480
Frame frequency	50Hz	
Field of view	10.8° $\times$ 8.3°/5.4° $\times$ 4.1°(optional)	12.5° $\times$ 9.4°/6.2° $\times$ 4.7°(optional)
NETD	0.06°C@30°C	
Focus	Auto/Manual	
Screen	OLED, 800 $\times$ 600	
Imaging device(CCD)	1/3"CCD, 795 (H) $\times$ 596 (V)	
Field of view(CCD)	10.8° $\times$ 8.3°	
Storage card	Flash Memory	
Storage mode	photo/Video record	
File format	BMP/AVI	
storage capacity	> 1000 pictures/8 hours video	
Gain/Brightness adjustment	Manual/Automatic	
Image Polarity(CCD)	Black hot/White hot	
Electronic zoom(CCD)	X2, X3, X 4	
Image enhancement	Yes	
Battery type	Li-Ion, rechargeable	
Working time	>5 Hours	
Operating temperature	-30°C~50°C	
Storage temperature	-40°C~60°C	
Humidity	$\leq$ 90%	
Encapsulation	IP67	
Weight	$\leq$ 1.4Kg	
Colour	Black	
Size	210 (L) mm $\times$ 195 (W) mm $\times$ 85 (H) mm	
Power	Yes	
Video output	PAL	
USB	Yes	
Interface	1/4"-20-UNC	
<b>Detection distance</b>	People (1.7 $\times$ 0.5) m	1650m/3300m(with telephone lens) 2400m/4800m(with telephone lens)
	Car (2.3 $\times$ 2.3) m	2300m/4600m(with telephone lens) 3300m/6700m(with telephone lens)
<b>Recognition distance</b>	People (1.7 $\times$ 0.5) m	550m/1100m(with telephone lens) 800m/1600m(with telephone lens)
	Car (2.3 $\times$ 2.3) m	760m/1520m(with telephone lens) 1100m/2200m(with telephone lens)

▲ The information contained in this document is subject to change without notice

