




Model		U01	U02	U03
Photo				
Quote				
Unit price at MOQ100 (RMB,Ex-works)				
Unit price at MOQ500 (RMB,Ex-works)				
Unit price at MOQ1000 (RMB,Ex-work)				
Unit price at MOQ5000 (RMB,Ex-work)				
Specification				
Thermal sensor	Sensor type	VOX	VOX	VOX
	Resolution	256×192	384×288	640×512
	Pixel size	12μm	17μm	12μm
	Working band	8~14μm	8~14μm	8~14μm
	NETD	≤50mK @25℃, F#1.0, 25Hz	≤40mK @25℃, F#1.0, 25Hz	≤40mK @25℃, F#1.0, 25Hz
	Thermal time constant	<10ms	<12ms	<12ms
	Frame rate	25Hz	50Hz	50Hz
Lens	Non-uniformity	Automatic shutter correction	Automatic shutter correction	Automatic shutter correction
	Focusing method	Manual focus	Manual focus	Manual focus
	Lens aperture	1.0	1.0	1.0
	Focal length	6.8mm	9.1mm	9.1mm
	FOV(H*V)	25.46°×19.23°	39.46°×30.11°	45.76°×37.31°
	Focus range	> 0.5m	> 5.0m	> 5.0m
	Detection distance	Human	≤642m	≤606m
vehicle		≤944m	≤892m	≤1263m
Recognition distance	Human	≤160m	≤151m	≤214m
	vehicle	≤236m	≤223m	≤315m
System features	Optional color palettes	White hot	White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Bird Watching Mode (Default White Hot)	White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Bird Watching Mode (Default White Hot)
	Hotspot tracking	/	Turn on or off(default off)	Turn on or off(default off)
	Shutter time optional	/	30 seconds, 60 seconds, 90 seconds, 180 seconds, custom (default 60 seconds)	30 seconds, 60 seconds, 90 seconds, 180 seconds, custom (default 60 seconds)
	Shutter time customized	/	30 seconds~180 seconds, interval 10 seconds	30 seconds~180 seconds, interval 10 seconds
	Languages	/	Russian, English (Russian by default)	Russian, English (Russian by default)
Differentiation line	Differentiation lines optional	/	Turn on or off	Turn on or off
Video output	Format	PAL	PAL	PAL
	Resolution	720×576	720×576	720×576
Power	Operating voltage	6-24V	5-24V	5-24V
	Power consumption	0.4W(6V/80mA)	1.3W(5V/260mA)	1.3W(5V/260mA)
Work/storage environment	Operating temperature	-20℃ ~ +50℃	-20℃ ~ +50℃	-20℃ ~ +50℃
	Storage temperature	-30℃ ~ +70℃	-30℃ ~ +70℃	-30℃ ~ +70℃
Dimensions/weight	Size(Bracket not included)	L24*W24*H27.92mm	L28.4*W28.4*H41.1mm	L28.4*W28.4*H42.45mm
	Weight(Bracket not included)	22g	65g	65g