

## SATIR UL Series - UL384 | UL640



The UL384 and UL640 thermal cameras by SATIR excel in portable night vision for outdoor applications (Not intended for firearm detection). These compact (500g) models have vehicle detection exceeding 3.6km (UL384) and 5.6km (UL640), making them ideal for long-range performance, making them ideal for security, search and rescue, and other critical outdoor tasks. Both offer high-resolution imaging and all-weather performance for unmatched awareness in critical situations. Both models utilize an uncooled FPA detector, offering exceptional image quality.



The UL series is built to withstand harsh environments. With an IP66 enclosure, it's dustproof and water-resistant, and can operate in temperatures ranging from -10°C to 45°C.

### Key Features

- Detect vehicles over 3.6km (UL384) and 5.6km (UL640).
- Lightweight (500g) for easy use.
- Crisp visuals for clear identification.



## UL SERIES Specifications

Items		UL384	UL640
<b>Detection Distance</b>	Vehicle	3650m	5625m
	Human	1100m	1687m
<b>Recognition distance</b>	Vehicle	1250m	1875m
	Human	365m	562m
<b>Detector</b>	Type	Uncooled FPA	
	Resolution	384×288	640×512
<b>Imaging</b>	Focal length/FOV	35mm/7.5°×5.7°	54mm/8.1°×6.5°
	Digital zoom	2x/4x/8x/16x	2x/4x
	NETD	≤40mk@30°C	
	Frame rate	50Hz	
	Focus	Manual focus, adjustable sharpness	
	Spectral range	8-14μm	
	Laser indicator	Yes	
	<b>Display</b>	Screen	1024X768
Color palettes		Rainbow, Hot Metal, White-Hot, Black-hot, Saturated -yellow, Bird-watching mode	
Diopter adjustment		±4SD	
<b>Power supply</b>	Battery type	Li-Ion battery , rechargeable	
	Operating time	6 hours continuous operation	
	Charging	USB charging	
	Power input	DC 5V/2A	
<b>Environment</b>	Working temp.	-10°C to 45°C	
	Storage temp.	-20°C to 60°C	
	Protection class	IP66	
	Drop resistance	1 Meter	
<b>Weight</b>	Weight	500g	
<b>Interface</b>	Power input	Yes	
	Video output	PAL	
	USB	External charging	