

Thermoview P-64



Items		Technical Specification
		P-64
Detector characteristics	Detector type	Un-cooled FPA micro-bolometer
	Array size/format	640x480
Image characteristics	Field of view/min focus distance	24°x18°/0.3m
	Spatial resolution (IFOV)	0.65mrad
	Thermal sensitivity	≤0.03°C@30°C
	Frame frequency	50/60Hz
	Focus	Auto/Manual
	Digital zoom	8x,continuous zoom
	Spectral range	8-14um
	Built-in CCD camera	5.0 million pixels, LED lights
Image display	LCD display	5" High resolution color touch LCD, 800 x 480
	Image	Fast switch between infrared image and CCD image, with fusion and picture in picture function
Measurement	Temperature ranges	-40°C - +650°C
	Accuracy	± 2 °C or ± 2% of reading, Whichever is greater
	Measurement correction	Automatic / manual
	Measurement mode	Up to 10 movable spots. Up to 5 movable areas (maximum, minimum and average temperature). Movable lines. Line profile. Isotherms. Temperature difference. Alarm(voice, color)
	Image control	11 Color palettes changeable
		Auto/manual gain and brightness
	Setup functions	Date/time, temperature unit, language
Emissivity correction	Variable from 0.01 to 1.0	

	Background temperature correction	Automatic corrections according to user input
	Atmospheric transmission correction	Automatic correction according to user input object distance, humidity and temperature
Image storage	Storage card	CF card(8G)
	Mode	Auto/manual saving, single thermal images and CCD image link saving, thermal and CCD fusion saving.
	Thermal image format	JPEG (with radiometric information) MPEG4(with radiometric information)
	CCD image format	JPEG、MPEG4
	Voice annotation	Input via built-in microphone up to 60 seconds of digital voice clip per image stored with image
	Text annotation	Yes
Laser pointer	Laser locator	Class 2, 1mw/635nm(red), IEC 60 285
Power source	Battery type	Li-Ion, rechargeable
	Battery operating time	3 hours continuous operation
	Battery charging mode	Intelligent charger or power adaptor 12V(optional) to random charge
	Power saving	Auto-sleep and auto-shut down
	External power	10-15V DC
Environment	Operating temperature	-15°C-- +50°C
	Humidity	≤95% (non-condensing)
	Encapsulation	IP54
Physical characteristics	Tripod mounting	1/4"-20-UNC
	Weight	1.7kg
	Dimension	245*180*150mm
	External DC input	YES
	Video output	PAL/NTSC
	Communication port	Bluetooth; RJ45