# T5|T6

## **Thermal Imaging Cameras**

**ULIRVISION T5|T6** are with ergonomic design, high performance with 5MP visual camera, interchangeable lens, 4,3" touch screen, manual & auto focus. It can provide powerful assistance for thermographers to have the most efficient instrument for maintenance inspections.

**T5|T6** have a wide range temperature measurement to satisfy variety of thermograph applications and they enable you to identify the small temperature difference that could cause big problems.

#### **Features**

4.3" touch screen display

Auto/Manual focus

Built-in digital camera, 5.0MP resolutions

Multiple measurement: 10 spots, 5 vertical/horizontal lines, 5 boxes & 3 circles

2-meter drop protection

### **Applications**

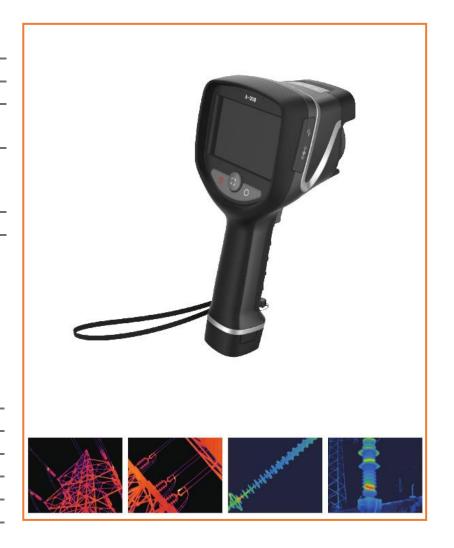
**Building Diagnostics** 

Electrical/Mechanical Inspection

Research & Development

**Automation Applications** 

Preventative & Predictive Maintenance



#### **Technical Specifications**

Item	Т5	Т6
Detector Data		
Туре	Uncooled FPA	
IR resolution	384×288 640×480	
Pixel pitch		17µm
Spectral range	7.5∼14µm	
NETD/Sensitivity	50mK 40mK	
Lens		
FOV	24°×18°	
IFOV	1.13mrad	0.68mrad
Focus	Auto/Manual	
Lens Identification	Automatic	
Lens(optional)	45°×33°,12°×9°	
Image Performance		
Display	4,3" touch screen,LCD with 800×480 pixels	
Visual camera	5.0 mega pixel	
Frequency	50Hz/60Hz	
Zoom	1X∼10X continuous	
Color palletes	12 palletes (including iron, rainbow, white hot and black hot etc.)	
Contrast/brightness	Auto/Manual	
Measurement		
Temperature range	-20℃~+600℃(can be extended to 1200℃)	
Temperature accuracy	±2°C/±2%(reading)	
Spotmeter	10 adjustable spots	
Line profile	5 Vertical/Horizontal	
Area	5 adjustable boxes & 3 adjustable circles with max./min./avg. temperature	
	value	
Isotherms analysis	Capture high/low temperature/interval	
Alarm	Voice, color	
Dew point alarm	Yes	
Measurement correction	Auto/Manual	
Emissivity correction	Adjustable from 0.01 to 1.0 or selected from list of materials	
Background temperature		Auto
correction		
Atmospheric transmissivity		Auto
correction		
Setting function	Date/time, temperature unit °C/°F/K, language	
Video	Can be recorded and saved	
Image Storage		
Storage media	64G SD card, >128000 images	64G SD card, >38400 images
Storage mode	Auto/manual store image in frame	
Thermal image format	JPEG, with 14-Bit measured data image	
Visible light image format	JPEG or stored with signal frame image	
Voice annotation	60s voice record, stored with per image via built-in microphone	
Text Annoation	Support 30 preset text annotations(editable)	

Laser Point		
Grade/Type	Class 2,1mW/635nmRed	
Interfaces		
Power interface	Yes	
SD card slot	Yes	
WIFI	Yes	
Bluetooth	Yes	
Video output	HDMI	
USB	USB 2.0	
Power System		
Battery type	Lithium battery	
Battery operation time	4h continuous	
External power	DC: 10V∼15V	
Charging system	Intelligent charger or in camera(AC adapter or 12V car charger)	
Power saving	Yes	
Environment Parameters		
Operation temp range	-20℃~+50℃	
Storage temp range	-40°C∼+70°C	
Humidity	≤95%(Non-condense)	
Shock	2G(IEC60068-2-6)	
Vibration	25G(IEC60068-2-29)	
Encapsulation	IP54(IEC60529)	
Physical Data		
Size	262mm×125mm×138mm	
Weight	≤950g(with battery and standard lens)	
Packing		
Standard	Thermal imaging camera with standard lens, 2 lithium batteries, battery	
	charger, adapter, USB cable, SD card, card reader, software CD, warranty	
	card, calibration certificate	