

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

ULIRVISION

Technical Specifications

Item	T5	T6
Detector Data		
Type	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℃/±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 correction	Auto	
Atmospheric transmissivity correction	Auto	
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°C~+50°C
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