



UTi591A

FIXED-MOUNT ONLINE THERMAL CAMERA



Multiple
Standard Protocols



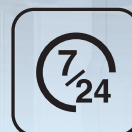
Networking
Compatibility



POE/DC
Power Supply



Auto FII Light



7/24 Service



OTA Update

Test& Measurement Products and Solutions Provider

www.uni-trend.com

Specifications

Model No.	UTI591A
Product Photo	
Technical Data	
Infrared resolution	120×90 pixels, can be upgraded to 480×360 pixels
Pixel size	17μm
Frame rate	30Hz
NETD	≤60mK
Infrared lens	2.28mm, 50°
Digital camera lens	3.2mm, 76°×50°
Digital camera resolution	1920×1080
Focus	Focus free
Temperature measurement range	-20~400℃
Accuracy	±2℃ or ±2% whichever is greater
Functions	
Image mode	Thermal, Visual image, T-Mix fusion
On screen analyzer	Point/Line/Circle/Rectangle
HI/LO temperature tracking	√
HI/LO temperature alarm	Audible and visual alarm, I/O output, Log, Image save, File sending (FTP), Email (SMTP), Notice
Data record	Photo capturing & video recording (built-in storage)
Networking	Support to connect with different types of UT on-line thermographic products
General Characteristics	
Data interface	Ethernet, I/O alarm, RS485
Protocol/standard	ONVIF, GB28181, Modbus TCP/RTU, MQTT, etc
SDK	Windows/Linux
Video compression standard	4K@30fps H.264 standard
Image storage format	JPEG
Power supply	Ethernet POE/DC12V-24V
Power dissipation	≤3.6W
Working temperature	-10℃~50℃
Storage temperature	-40℃~70℃
Working humidity	<85%RH
IP rating	IP67
Installing method	Hoisting/Vertical Mounting/Wall Mounting/Tripod Mounting/Magnetic, etc.
Dimension	105mm×65mm×30mm

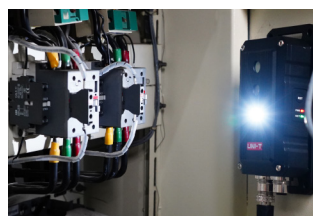
Applications



Distribution Cabinet



Battery Storage



High-tension Switch Cabinet



Machine Room Monitoring