

UTi586A/UTi587A

FIXED-MOUNT ONLINE THERMAL CAMERA

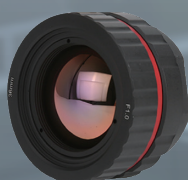
Interchangeable lens



6mm
(UTi586A only)



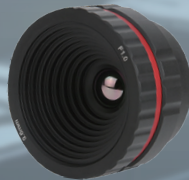
62.8mm
(UTi587A only)



36mm



18mm



9.6mm



Multiple
Standard Protocols



POE/DC
Power Supply



2D/3D
Noise Reduction



DDE algorithm



7/24 Service



OTA Update

Specifications

Model No.	UTi586A	UTi587A
Product Photo		
Technical Data		
Infrared resolution	400×300 pixels	640×512 pixels
Pixel size	12μm	
Frame rate	30Hz	
NETD	≤45mK	
Lens focal length	6mm/9.6mm/18mm/36mm	9.6mm/18mm/36mm/62.8mm
FOV	46°(H)×34°(V), (D)58°@f 6mm 28.8°(H)×21.5°(V), (D)36.2°@f 9.6mm 15.2(H)°×11.4°(V), (D)19°@f 18mm 7.6°(H)×5.6°(V), (D)9.4°@f 36mm	46°(H)×37°(V), (D)61.4°@f 9.6mm; 24°(H)×19.3°(V), (D)30.5°@f 18mm 12(H)°×9.6°(V), (D)15.5°@f 36mm; 7°(H)×5.6°(V), (D)9°@f 62.8mm
IFOV	2mrad@f 6mm; 1.25mrad@f 9.6mm 0.66mrad@f 18mm 0.33mrad@f 36mm	1.25mrad@f 9.6mm 0.66mrad@f 18mm 0.33mrad@f 36mm 0.19mrad@f 62.8mm
Focus	Manual focus	
Temperature measurement range	-20~650°C (up to 1200°C, High temp lens is required)	
Accuracy	±2°C or ±2% whichever is greater	
Functions		
Image mode	Thermal	
HI/LO temprature tracking	√	
HI/LO temprature alm	I/O Alarm 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	
Browsing	WEB & PC analysis software	
User management	√	
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 dissapation	≤3.6W	
Working temperature	-20°C~60°C	
Storage temperature	-40°C~70°C	
Working humidity	<95%RH noncondensing	
Installing method	Hoisting/Vertical Mounting/Wall Mounting/Tripod Mounting, etc.	
Dimension	120mm×65mm×65mm (without lens)	

Applications

