

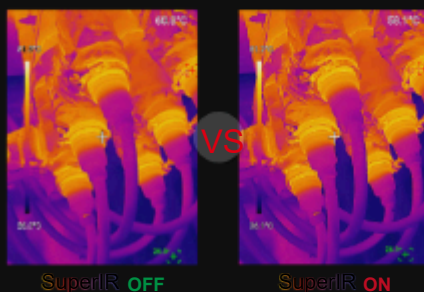
UTi716B/UTi720B Heavy-duty Thermal Camera



Introduction

On the premise of inheriting the sturdy & durable design of the last generation products, UTi716B & UTi720B have been upgraded in technical level. With Super resolution & T-Mix 2.0 image fusion algorithm, the radiometric thermal images are visualized and 4x increase in quality. Wi-Fi connection provides users with convenience of data analysis in HVAC inspection, electrical equipment maintenance, etc. daily measurement scenarios.

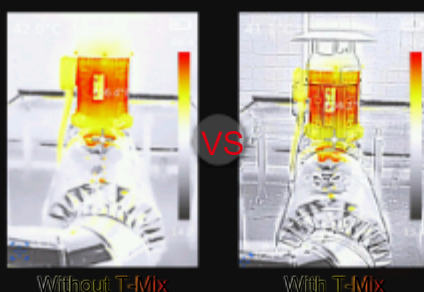
Super Resolution



Wi-Fi Connectivity



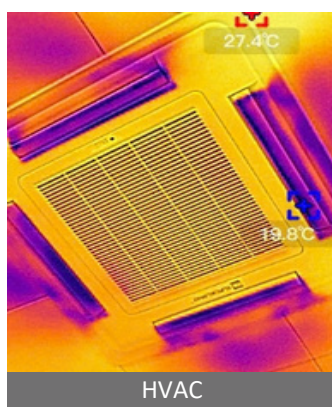
T-Mix



Video Recording



Applications



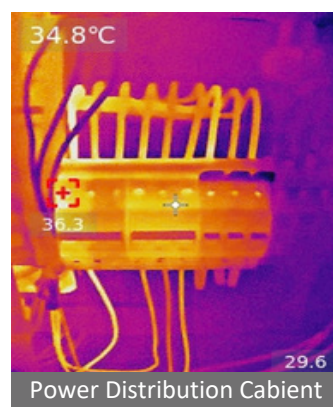
HVAC



R&D



Mechanical Equipment



Power Distribution Cabinet

Specifications

Model No.	UTi716B		UTi720B	
Technical Data				
Display	2.8" TFT (320×240)			
IR resolution(Pixels)	160×120		256×192	
Super resolution(Pixels)	√ (320×240)		√ (512×384)	
Pixel size	12μm			
Frame rate	≤25Hz			
Thermal sensitivity(NETD)	≤50mK			
Focus	Focus Free			
Field of view(FOV)	40°(H) × 30°(V)			
Temperature measurement range	40°(H) × 30°(V)		56°(H) × 42°(V)	
Accuracy	-20°C~550°C			
Functions	20°C~120°C, ±1.5°C or ±1.5% whichever is greater, -10°C~20°C, 120~550°C, ±2°C or ±2% whichever is greater			
Color palettes				
Image modes	White Hot, Black Hot, Red Hot, Ironbow, Lava, Rainbow, Rainbow HC			
On screen analyzer	Thermal, Visual image, T-Mix fusion, PIP			
HI/LO temperature alarm	5 Points/3 Rectangles			
HI/LO temperature tracking	LCD animation, LED flashlight, Buzzer			
Digital camera resolution	√			
Video recording	2MP			
Wi-Fi/Wi-Fi live streaming	√			
LED lighting	√			
Analysis software	√			
Battery Characteristics	PC+APP			
Battery				
Operating time	5000mAh rechargeable Li-ion battery			
USB	≥8 hours		≥7 hours	
Storage			Type-C	
Image/video storage format				
Protection	Built-in 16GB		Built-in 32GB	
Certificates	JPG/MP4			
Languages	IP65 & 2m drop proof			
Weight	CE, FCC, RoHS			
Dimension	EN, FR, DE, ES, IT, SV, PL, CZ			
	600g			
	236mm×75.5mm×86mm			



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