IPT384

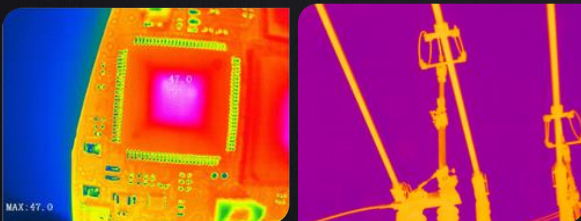**Electric-focus Network Online Thermal Camera**

Introduction

The IPT series is a compact electric-focus network on-line thermal camera. The applied uncooled focal plane infrared detector is used for accurate temperature measurement, featured with excellent performance and stable operation. IPT thermal camera is based on a standard Gigabit Ethernet interface with fully-featured terminal software and an easy-to-use SDK package. Multiple configurations are optional, flexible and easy to integrate.

Features and Benefits

o   IR detector 384x288, high performance thermal imaging

o   Gigabit Ethernet output, networkable, easy to use and flexible

o   Free professional display control software and SDK development kit

o   Provide SDK development package for LINUX and WINDOWS system, plenty of interface , easy to integrate

o   Support auto focus and motor location for more on-site application

Application

o   Industrial automation

o   Scientific research

o   Integration of UAV

Specifications

Model	IPT384
Thermographic	
Detector type	VOx
Detector resolution	384×288
Pixel size	17µm
Wavelength range	8µm to 14µm
NETD	≤60mK
Lens	15mm, 25° x 19°
Detail enhancement	Supported
Noise reduction	2D/3D noise reduction
Color palettes	8
Temperature measurement parameters	
Measurement range	-20℃-150℃, -20℃-350℃ or -20℃-150℃, 100℃-650℃ (Alternative)
Measurement accuracy	±2℃ or ±2% (whichever is greater)
Cold/hot spot tracking	Supported
Full-screen point temperature measuring	Supported
Temperature query and export	Supported
Imaging	
Video compression	IR video (compressed) without full-screen temperature information
Image coding format	IR JPG images with full-screen temperature information
Code stream	Support compressed video
Protocol and storage	
Network protocol	RTSP, UDP, HTTP, TCP/IP, Onvif
System function	
Language version	Chinese/English
Browser	Supported
Hardware interface	
Network interface	Network reset port, power indicator, power interface (tightening), RS485, alarm output IO and Ethernet port
Alarm interface	1-channel input and 1-channel output
Other interface	M3 screw thread (for 4 sides)
Environmental	
Operating temperature range	-10℃ to 50℃; -20℃ to 60℃ (Alternative)
Operating humidity	≤ 95%, non-condensing
Physical	
Product size	88mm×60mm×60mm (lens included and external interface excluded)
Net weight	410g