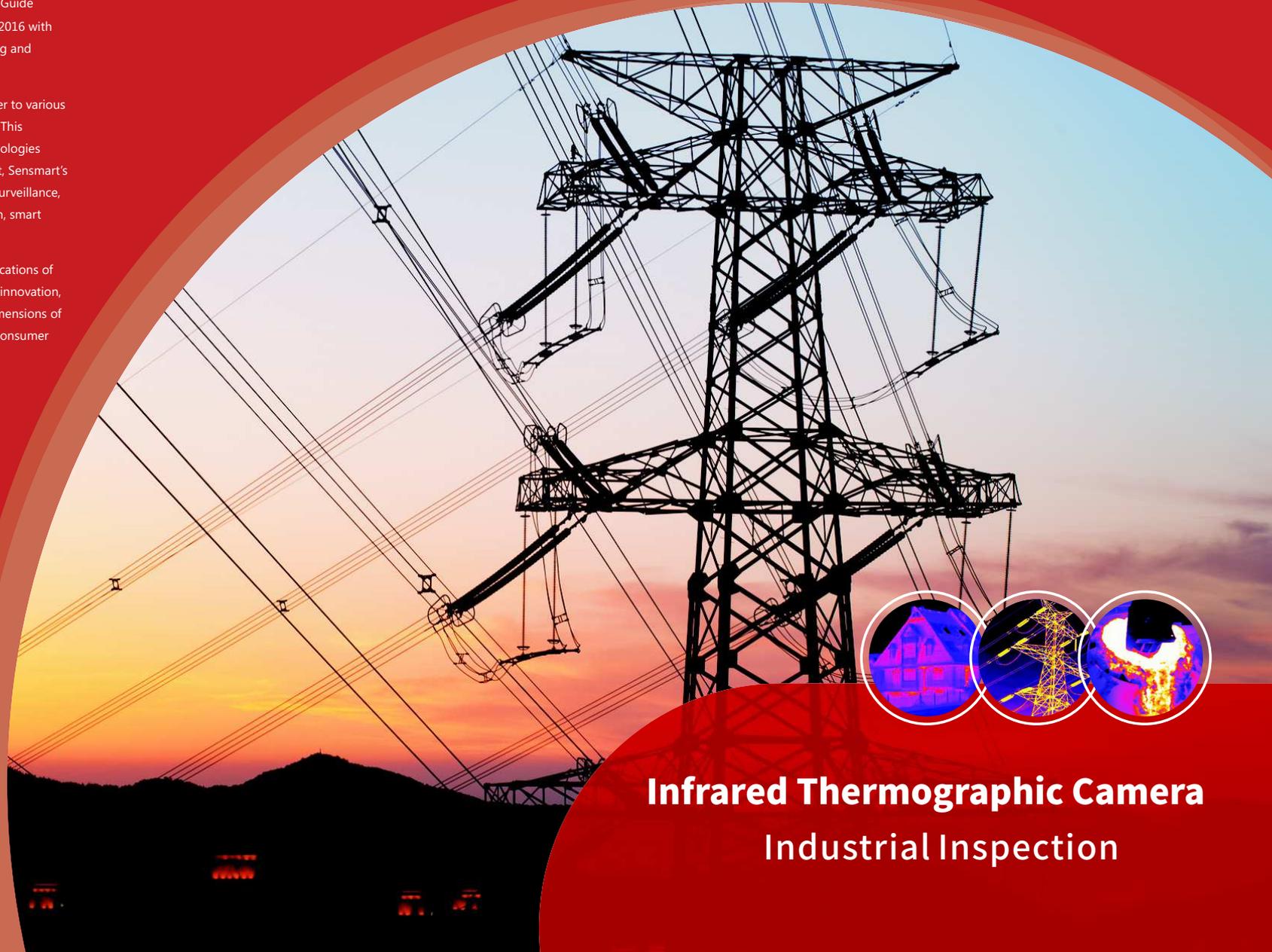# COMPANY

Guide Sensmart Tech Co., Ltd, a subsidiary company of Wuhan Guide Infrared Co., Ltd （SZ.002414）, was established in November 2016 with registered capital of 60M RMB, focusing on R&D, manufacturing and marketing for commercial infrared imaging products.

Sensmart is a comprehensive infrared imaging solution supplier to various industries with high performance, best service and experience. This capabilities rely on the mother companies self-innovated technologies which spanned from component to system level. At the present, Sensmart's products are applied in the industrial inspection, security and surveillance, fire fighting and rescue, law enforcement, industrial automation, smart home and consumer electronics, etc.

Sensmart is devoted to developing and popularizing new applications of infrared imaging technology. With continuous exploration and innovation, it provides intelligence solutions, expands the channels and dimensions of human perception of the world and opens the intelligent and consumer infrared era.

Guide sensmart

Wuhan Guide Sensmart Tech Co., Ltd
No.6 Huanglongshan South Rd,Wuhan,430205,P.R.China
E: enquiry@guide-infrared.com
http://www.guideir.com

Infrared Thermographic Camera

Industrial Inspection

![Guide sensmart]
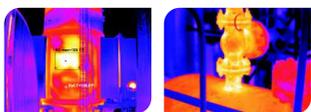
B Series

Tool-like Thermographic IR Camera

- Friendly UI,easy to use without training
- Affordable as entry level diagnostic tool
- Removable Large capacity Li-ion battery,4 hour working time
- 3.5" large screen with no image cropping, high brightness screen to show image with no detailed information lost evenoutdoor or in highlight
- Rugged and compact design, metal internal structure
- Standard Micro USB interface for data transmission and charging

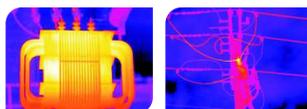|	B160	B320
Detector	160×120	320×240
FOV	20.6°×15.5°	23.8°×17.9°
Focal Length	11mm/F1.0	19mm/F1.0
Temperature Range	-20℃~350℃	-20℃~350℃
Weight	700g(Batterry included)	
Dimensions	258mm×98mm×90mm	

D Series

Intelligent Thermographic IR Camera

- All operations can be completed on the 4"high light touch screen
- Adjustable brightness makes the screen sharp & clear in sunshine
- Different lenses for different occasions
- Built-in illuminator helps taking visible photos in dark environment
- IR, visible, MIF, PIP, 4 different image modes
- Share IR images and reports immediately with Wi-Fi
- Multi-screen control can be realized by connecting with mobile terminals

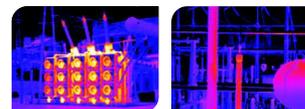|	D192M	D384M	D384A
Detector	192×144	384×288	384×288
FOV	37.8°×28.8°	28.4°×21.5°	35°×27°
Focal Length	7mm/F1.1	19mm/F1.0	15mm/F1.1
Focus	Manual	Manual	Electric/Antomatic
Temperature Range	-20℃~150 ℃,100℃~650℃		
Weight	840g	840g	735g
Dimensions	274mm×106mm ×78mm	274mm×110mm ×78mm	274mm×91mm ×78mm

C Series

High Performance Intelligent Thermographic IR Camera

- Rotating LCD display up to 270°for easy viewing angle
- Rotating lens detents up to 70°for easy viewing angle
- Android based operation system with open platform for various APP developments and convenient program updating
- Multiple image presentation including IR, visible, PIP and MIF
- Wi-Fi data transfer

	C400	C640	C640Pro
Detector	384×288,8~14μm	640×480,8~14μm	
Standard Lens	21.7°×16.4°/ 25mm/F1.0	24.6°×18.5°/ 25mm/F1.0	
Optional Lens	40.5°×31.0°/ 11.8mm/F1.0	45.4°×34.9°/13mm/F1.1	
	10.0°×7.5°/ 55mm/F1.1	11.3°×8.5°/55mm/F1.1	
	High-temp filter lens		
Temperature Range	Filter 1:-20℃~250℃; Filter 2:200℃~800℃; Optional:2000℃		
Dimension	140mm×206mm×114mm		
Weight	1.15kg(Without battery)		

OR Series

General Thermal Module for Temperature Measurement

- Supports compressed H.264 video's output by Gigabit Ethernet's transmission and control
- Optional lens could serve desired FOV requirements of different applications very well
- Easy integration into any optoelectronic system with compact design and light weight

	OR2
Detector	384×288, 8μm~14μm
FOV	28.4°×21.5°/19mm ; 57.22°×44.5°/8.8mm
Temperature Range	-20℃~150℃
Weight	270g
Dimension(mm)	100mm×45mm×45mm(Without lens)

TMS Series

UAV Payload

- Clearly identify the abnormal hot spot within 10 meters by IR camera and 10mm size screw by HD visible camera
- IR video and visible video can superimpose payloads status information and IR video data includes the temperatures of max, min and center spot
- Azimuth angle and pitching angle can be adjusted manually

IR Thermal Imaging Camera		HD Visible Camera	
Detector	640×512	Resolution	16 megapixel
Focal Length	25mm	Video Resolution	1920×1080
FOV	≥28.7°×23.0°(±5%)	Focal Length	4.7mm~47mm 10 times continues optical zoom
Temperature Range	-20℃~150℃	Frame Rate	25Hz