D256FH

Fever Screening
Thermal Camera

WHY CHOOSE GUIDE

Guide Infrared—Leader in infrared thermal imaging industry
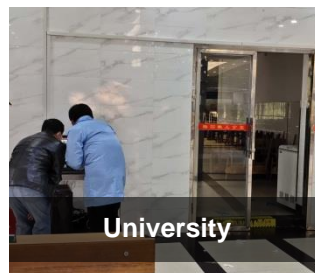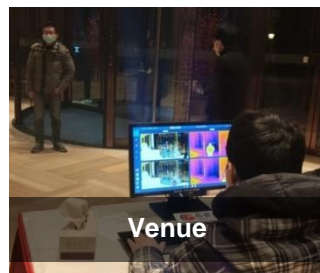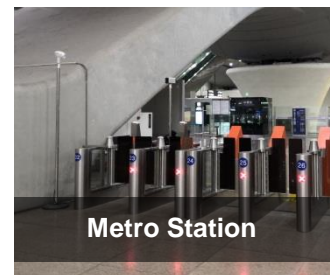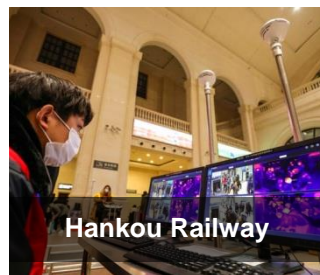
Guide Infrared Company has a market value of nearly 40 billion RMB, an industrial park covering 200 acres and 3,000 employees

20 years' experience in the field of infrared thermography temperature screening

In 2003, GUIDE supplied the thermal imaging system to prevent the spread of SARS. In the past 20 years, based on a large number of practical application cases, we continuously optimize algorithms and upgrade software and hardware to achieve fast and accurate temperature detection. As a quick non-contact temperature detection equipment, GUIDE IR Fever Warning Systems are not only applied at transportation hubs such as airports, railway stations, subway stations, but also hospitals, banks, large factories, office buildings, schools, supermarkets, residents Community and other gathering public places.

APPLICATION CASES

Beijing Daxing Airport

Hankou Railway

Wuhan Railway

Metro Station

Hospital

HONDA

HUAWEI

FOXCONN

Bank

Venue

University

Embassy
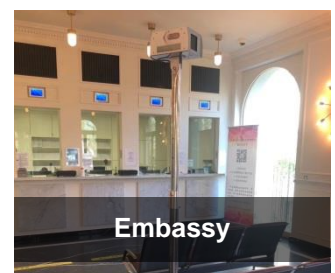
D256FH

Fever Screening Thermal Camera

Accuracy
≤±0.5℃

GUIDE D256FH Fever Screening Thermal Camera is a fast temperature detection tool, which can be used to detect human temperature from a safety distance with accuracy of ±0.5℃. It is an economical and practical thermal camera that could meet the needs of primary temperature screening well. GUIDE D256FH integrates various technologies such as infrared thermography, HD visual camera, high-end image processing, intelligent warning, and screen display to ensure the human temperature screening more simple, efficient and accurate.

Features

- o Provide fast temperature screening for a group of people in real-time
- o Support automatic image & sound warning and snapshot when detecting elevated temperatures
- o Support automatic temp calibration and warning pre-value setting
- o 4"high light touch screen, handheld-type, easy to deploy and take
- o Optional tripod, 24 - inch monitor, support projection function
- o Thermal imaging for long-range temperature detection up to 4 meters away, no risk of infection caused by close contact

Application

- o Fast temperature screening in public places such as airports, railway stations , businesses, factories, offices, schools to control and reduce the spread of virus with fever symptom, such as Covid-19, Ebola, SARS and Zika.

D256FH		
IR Imaging & Optical	IR resolution	256×192
	Detector type	VOx/25μm/7.5~14μm
	NETD	≤80mk
	Focal length	7mm/F1.1
	Field of view(FOV)	50°×38°
	Focus	Focus-free
Image Presentation	Display	4" highlight LCD touch screen, 480×800, 24 bits
	Image modes	IR image/ Visual image
	Brightness & Contrast	Automatic
Measurement	Temperature range	20℃~50℃
	Accuracy	±0.5℃ (target temperature 32℃~42℃)
	Measurement Area (IR)	5 X Area
	Auto Max Temp Tracking	Full screen max temp tracking
	Alarm	Max temp alarm (sound alarm)
Storage	Image storage	In camera and TF card, Full Radiometric (JPG)
	Video format	H.264, video format with temp info
Hardware configuration	Visual Camera	Resolution:5MP
	Wifi	Yes
	Other	lighting, microphone, Speaker(Volume adjustable)
	Loudspeaker	Yes
Connections & Communications	Data communication interface	MICRO USB 2.0, MICRO HDMI, Power(12V), TF card(Standard 16G, up to 32G)
Power system	Battery type/Operating time	Rechargeable Li-ion battery (7.2V), operating time≥4h; local charging, charging by dual-bay charger; Automatic shut-down and sleeping mode available
Environmental Parameters	temperature range	Operating temp: 0℃~40℃；Storage temp: -40℃~70℃
	Encapsulation	IP54
	Weight	735g
	Dimensions(mm)	274×97×78
	Standard Accessories	Li-ion battery, Power supply adapter, Adapter plug, Wrist strap, USB cable, HDMI cable, User Manual, Capacitive screen gloves, TF card (16GB), Tripod mount interface
	Optional Accessories	Li-ion battery, Pouch, Battery charger, Tripod, Monitor

*Note: The temperature measurement accuracy is a typical value under the specified mode and application conditions.
The final interpretation right belongs to our company.

Standard

Thermal camera

Optional
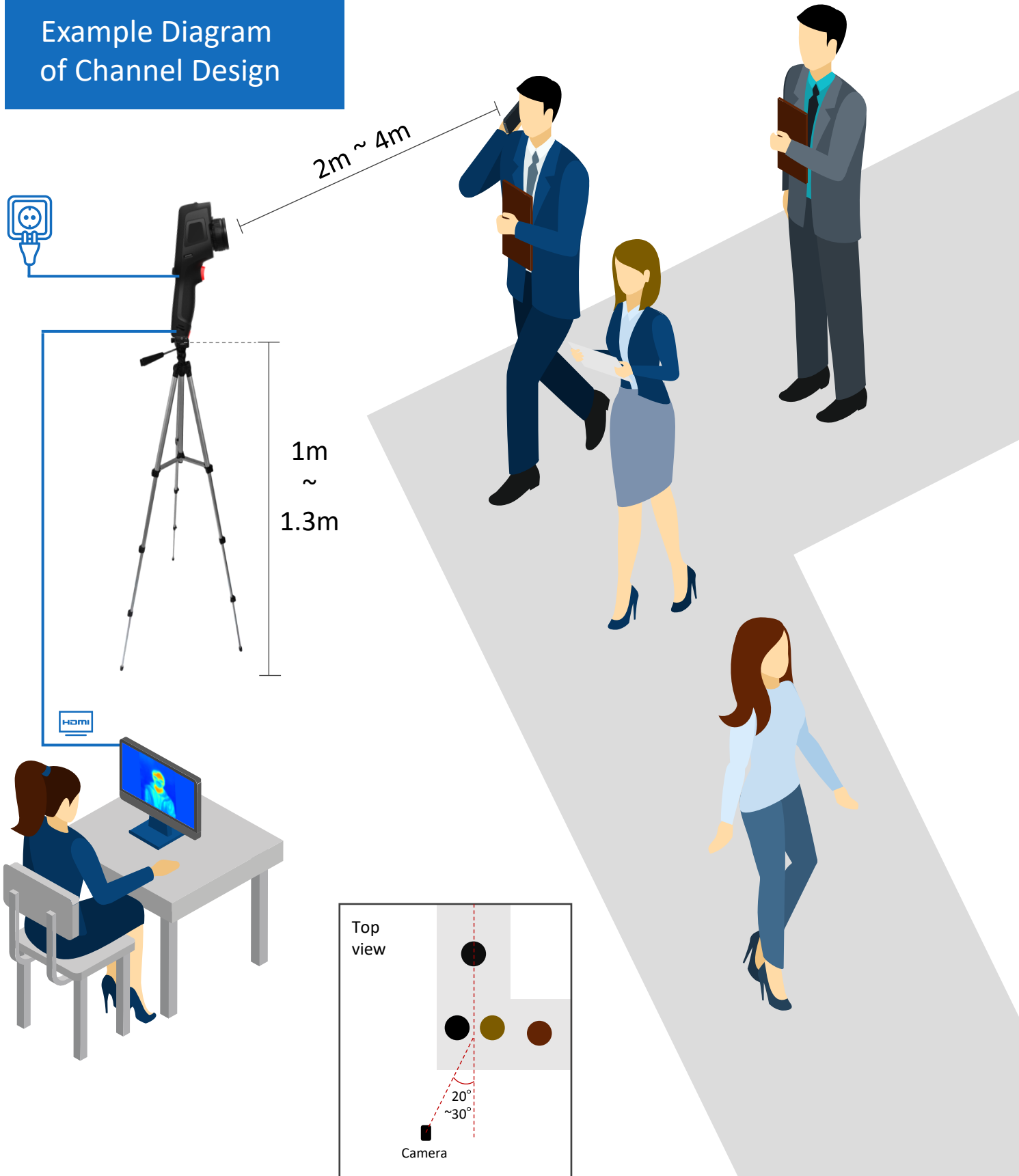
Tripod

Monitor

Applications

Suitable for temperature screening in public places with high traffic of people, such as stations, businesses, factories, offices, supermarkets, schools and more. Suggest set up a one-way channel.

Suggested distance: 2~4 meter

Guide

D256FH

Example Diagram
of Channel Design

2m ~ 4m

1m
~
1.3m

HDMI

Top
view

20°
~30°

Camera

ABOUT GUIDE

GUIDE SENSMART is the subsidiary of GUIDE INFRARED, focusing on R&D, manufacturing and marketing for commercial infrared thermal imaging products for masses market since 2016. GUIDE INFRARED was founded in 1999, and takes the lead in R&D, production and sales of infrared thermal imaging system and large-scale optoelectronic system. At present, GUIDE Group has a market value of nearly 40 billion RMB, and has more than 3,000 high-tech talents.

In the past 20 years, GUIDE, who has worked hard in the field of thermography human temperature detection, has accumulated a large number of real and reliable samples and numerous application scenarios, forming a large scientific database. Through continuous optimization of algorithms and software and hardware upgrades, especially in the deep learning algorithm based on neural network, which makes temperature detection faster and more accurate.

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* Technical parameters are subject to change without notice. For the latest information, please visit our website.