DytSpectrumOwl

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Products Catalogue

Shenzhen Dianyang Technolgogy

Keep focusing on the development of thermal imaging products

DytSpectrumOwl

About Dianyang

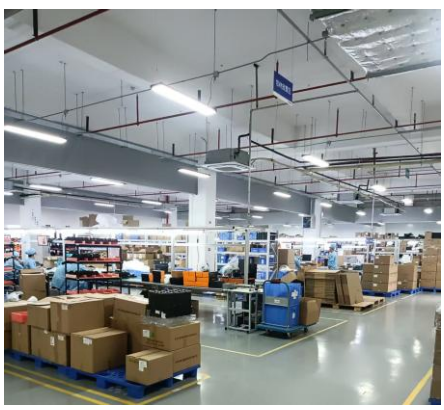
Shenzhen Dianyang Technology Co., Ltd. is a subsidiary controlled by Shenzhen VHD Technology Co., Ltd (Stock code: 301318). As a professional supplier and manufacturer certified as a National High-Tech Enterprise, Dianyang Technology has been focusing on the R&D, production and supply of infrared thermal cameras, delivering solutions for customers worldwide. Its products are widely adopted in industrial and civil applications, including equipment maintenance, electrical & power inspection, air conditioning and underfloor heating testing, vehicle diagnostics, PCBA repair, material testing, night vision, outdoor search and more.

Since its establishment, Dianyang has assembled a skilled and experienced product design team and operates its own production workshop to manufacture high-quality products.

Over the years, the Dianyang team has obtained multiple invention patents and independent intellectual property rights.

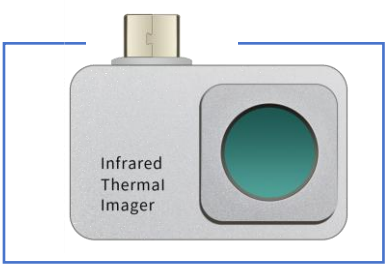
Backed by robust hardware platform solutions and strong custom development capabilities, Dianyang Technology can customize a wide range of products to meet customers' unique requirements.

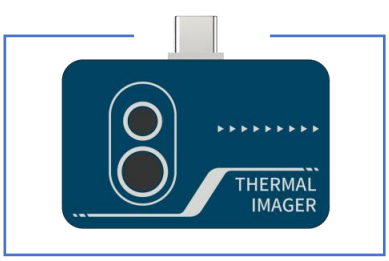
The current product portfolio includes handheld and desktop thermal cameras, smartphone thermal cameras, infrared night vision systems, thermal imaging modules, NDT testing systems, etc. Business models covering ODM, OEM and sales under Dianyang's own brand. Adhering to the principle of "accumulating steadily for breakthroughs", the company continuously builds up R&D expertise and pursues innovation in the infrared thermal imaging industry.



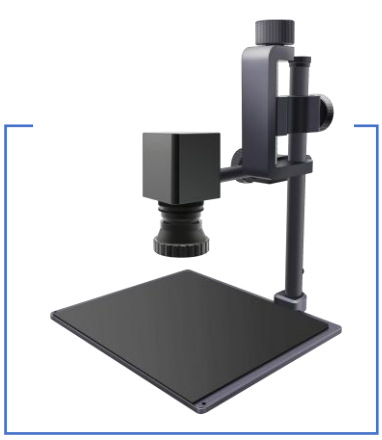
Handheld Thermal Cameras

Smartphone Thermal Cameras





Stationary PCB Thermal Cameras



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DP Series Handheld Thermal Cameras

DP-09D Thermal Camera (IR only)

The DP-09D thermal camera is a handheld single-spectrum infrared thermal imaging tool. It is specially designed for air conditioning and floor heating inspection, pipeline maintenance, building water leakage detection and other applications.

Highlight

96×96 resolution with TisoView image enhancement algorithm

Built-in 8GB to store more than 20,000 pictures

Support photo & video file copy, and video playback

Comes with dedicated PC analysis software

Laser pointer for temperature measurement

	Parameters
Detector type	96×96 resolution, uncooled Vox
Lens	2.3 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	60mK@25℃
FOV	38°(H)× 50°(V)
Measurement range	-20℃~550℃ (-4°F~1022°F)
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	2 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Screen size	2.8 inch
Image mode	IR thermal
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C (charging and data transmission)
Laser	Support temperature measurement of laser pointer
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC
Storage format	Image：JPG Video：MP4

DP-12D Thermal Camera (IR only)

The DP-12D thermal camera is a handheld single-spectrum infrared thermal imaging tool. It's specially designed for air conditioning and floor heating inspection, pipeline maintenance, building water leakage detection and other applications.

Highlight

120×90 resolution with TisoView image enhancement algorithm

Built-in 8GB to store more than 20,000 pictures

Support photo & video file copy, and video playback

Comes with dedicated PC analysis software

Laser pointer for temperature measurement

	Parameters
Detector type	120×90 resolution, uncooled Vox
Lens	2.3 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	60mK@25℃
FOV	38°(H)× 50°(V)
Measurement range	-20℃~550℃ (-4°F~1022°F)
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	2 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Screen size	2.8 inch
Image mode	IR thermal
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C (charging and data transmission)
Laser	Support temperature measurement of laser pointer
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC
Storage format	Image: JPG Video: MP4

DP-12DV Thermal Camera

The DP-12DV thermal camera is a handheld dual vision thermal imaging tool. It is specially designed for air conditioning and floor heating inspection, pipeline maintenance, building water leakage detection and other applications.

Highlight

120×90 resolution with TisoView image enhancement algorithm

Dual vision with 1080P digital camera

Support photo & video file copy, and video playback

Support thermal, fusion, visual, PiP

Comes with dedicated PC analysis software

	Parameters
Detector type	120×90 resolution, uncooled Vox
Lens	2.3 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	60mK@25℃
FOV	38°(H)× 50°(V)
Measurement range	-20℃~550℃ (-4℉~1022℉)
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	Up to 2 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	1080P
FOV(digital camera)	55°(H)× 83°(V)
Screen size	2.8 inch
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C (charging and data transmission)
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC

DP-25D Thermal Camera (IR only)

The DP-25D is a mid-grade thermal imaging device built for demanding field environments. It offers industry-leading 256x192 infrared resolution and is ideal for maintenance, building inspections, vehicle diagnostics, HVAC servicing, and industrial troubleshooting.

Highlight

256×192 resolution with TisoView image enhancement algorithm

Built-in 8GB to store more than 20,000 pictures

Support photo & video file copy, and video playback

Comes with dedicated PC analysis software

Laser pointer for temperature measurement

	Parameters
Detector type	256×192 resolution, uncooled Vox
Lens	3.2 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	50mK@25℃
FOV	42°(H)× 56°(V)
Measurement range	-20℃~550℃ (-4℉~1022℉)
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	Up to 2 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Screen size	2.8 inch
Image mode	Thermal
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C (charging and data transmission)
Laser	Support temperature measurement of laser pointer
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC
Storage type	Image: JPG Video: MP4

DP-25DV Thermal Camera

The DP-25DV is a mid-grade thermal imaging device built for demanding field environments. It offers industry-leading 256x192 infrared resolution and is ideal for maintenance, building inspections, vehicle diagnostics, HVAC servicing, and industrial troubleshooting.

Highlight

256×192 resolution with TisoView image enhancement algorithm

Dual vision with 1080P digital camera

Support continuous video recording

Thermal, visual, fusion and PiP mode available

Comes with dedicated PC analysis software

	Parameters
Detector type	256x192, uncooled Vox
Lens	3.2 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	50mK@25℃
FOV	42°(H)× 56°(V)
Measurement range	-20℃~550℃（-4℉~1022℉）
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	Up to 5 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	1080P
FOV	55°(H)× 83°(V)
Screen size	2.8 inch
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C（charging and data transmission）
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC
Storage type	Image：JPG　　Video：MP4

DP-25DR Thermal Camera

The DP-25DR is a mid-grade thermal imaging device built for demanding field environments. It offers industry-leading 256x192 infrared resolution and is ideal for maintenance, building inspections, vehicle diagnostics, HVAC servicing, and industrial troubleshooting.

Highlight

256×192 resolution with TisoView image enhancement algorithm

Dual vision with 1080P digital camera

Support laser ranging and laser pointer temp measurement

Thermal, visual, fusion and PiP mode available

Comes with dedicated PC analysis software

	Paramters
Detector type	256x192, uncooled Vox
Lens	3.2 mm, F/1.1
Spectrum range	8~14um
TisoView	Support TisoView super resolution
NETD	50mK@25℃
FOV	42°(H)× 56°(V)
Measurement range	-20℃~550℃（-4°F~1022°F）
Refresh rate	25Hz
Measurement accuracy	±2℃ or ±2%, whichever is greater
Temperature mode	Support measurement of max, min, central and regional
Distance compensation	Up to 5 meters
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	1080P
FOV	55°(H)× 83°(V)
Screen size	2.8 inch
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Interface	USB Type-C（charging and data transmission）
Laser	Support laser ranging and laser pointer temp measurement
Flashlight	Support
Battery	Built-in lithium rechargeable battery
Operation time	Approx 4 hours when fully charged
Working temperature	-10℃~+60℃
Storage temperature	-40℃~+85℃
Capacity	Built-in 8GB EMMC
Storage type	Image：JPG　　Video：MP4

DP-32DR Thermal Camera

The DP-32DR is a mid-grade thermal imaging device built for demanding field environments. It offers industry-leading 320x240 infrared resolution and is ideal for maintenance, building inspections, vehicle diagnostics, HVAC servicing, and industrial troubleshooting.

Highlight

3.5-inch high-definition LCD screen

Support multiple temperature measurement objects including points, lines and rectangles

Identify abnormal temperature values with on-screen prompts and audible alerts automatically

Real-time image transmission via Wi-Fi; Wi-Fi connection to mobile APP

Capable of recording various video streams, including full-frame ratiometric videos

	Parameter
Detector type	320×240, uncooled vox
Lens	5.3mm
Refresh rate	25Hz
NETD	40mK@25℃
FOV	41.3°（H）×31.1°（V）
Spectral range	8~14um
Measurement range	-20~750℃（-4℉~1382℉）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support full-screen temperature measurement of max, min, central, regional
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	1080P
FOV	60°×36°
Screen size	3.5 inch
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP

DP-32DR Thermal Camera

	Parameters
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Digital Zoom	Unlimited continuous zooming
Wi-Fi	Support
Bluetooth	Support
Interface	USB Type-C
App	Support
Laser Pointer	Support
Laser ranging	40 meters
Flashlight	Support
Buzzer	Support
Battery	Detachable and rechargeable 5,000mAh Li-ion, support charge battery directly
Operation time	Approx. 4 hours when fully charged
Capacity	Built-in 32G EMMC storage, expandable to 256G via SD card
Record	Support take photos, record videos including radiometric videos
Working temp	-10℃~+60℃
Storage temp	-40℃~+85℃

DP-38D Thermal Camera

Powered by a professional-grade 384×288 pixel uncooled VOx detector with thermal sensitivity of <40 mK, the DP-38D enables technicians to achieve precise focus and accurate temperature measurements via its manual focus system while capturing exceptionally detailed thermal images.

Highlight

4.3-inch LCD high-brightness touch screen

Equipped with industry level 384*288 IR detector and 8 MP digital camera

Support adding multiple temperature measurement objects such as points, lines, rectangles

Real-time interaction, combined with a self-developed digital detail enhancement algorithm, making temperature measurement work more professional and credible

Convenient WIFI connection enable real time data transmission to mobile phone via APP

The video can record a variety of video images, including general video, full-frame radiometric video

	Parameters
Detector type	384×288 resolution, uncooled Vox
Lens	15mm, F1.0（standard), 19mm and 25mm（Optional）
Refresh rate	50Hz
NETD	＜40mK@25℃
FOV	17.5°（H）×13.1°（V）
Spectral range	8~14um
Measurement range	-20~1200℃（-4℉~2192℉）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support full-screen temperature measurement of max, min, center, regional
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	8 MP
FOV	D=73° H=66° V=40°
Screen size	4.3 LCD touchscreen
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP

DP-38D Thermal Camera

	Parameters
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Digital Zoom	Unlimited continuous zooming
Wi-Fi	Support
Bluetooth	Support
Interface	USB Type-C, HDMI
App	Support
Measurement correction	Target distance, atmospheric correction, ambient temperature and humidity, visibility
Laser Pointer	Support
Laser ranging	40 meters
Flashlight	Support
Buzzer	Support
Battery	Detachable and rechargeable 5,000mAh Li-ion, support charge battery directly
Operation time	Approx. 5 hours when fully charged
Capacity	Built-in 32G EMMC, expandable to 256G via SD card
Record	Support take photos, record videos including radiometric videos
Working temp	-10℃~+60℃
Storage temp	-40℃~+85℃

DP-38DI Thermal Camera

The DP-38DI is an upgraded version of the DP-38D. It adds GPS positioning, 4G wireless transmission, an electronic compass and MIC function. It supports coordinate recording for saved data, remote data transmission, azimuth marking and voice annotation, making it better suited for harsh field environments and high-demand inspection scenarios.

Highlight

Support GPS for traceable inspection data and convenient ledger archiving.

Support 4G to remotely and synchronously upload on-site thermal images and temperature data.

Built-in electronic compass for accurate azimuth readouts, significantly boosting field inspection efficiency

Real-time interactive full-temperature dynamic adjustment mode paired with self-developed digital detail enhancement algorithm ensures professional and credible temperature measurement

Temperature anomaly alarm: automatically detects abnormal temperature values with on-screen prompts and audible alerts.

Text and voice annotations can be added to photos and videos

	Parameters
Detector type	384×288 resolution, uncooled Vox
Lens	15mm/F1.0（standard), 19mm/25mm（optional）
Refresh rate	50Hz
NETD	＜40mK@25℃
FOV	17.5°（H）×13.1°（V）
Spectral range	8~14um
Measurement range	-20~1200℃（-4°F~2192°F）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support full-screen temperature measurement of max, min, central, regional
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	8 MP
FOV	D=73° H=66° V=40°
Screen size	4.3 LCD touchscreen
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP

DP-38DI Thermal Camera

	Parameters
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Digital Zoom	Unlimited continuous zooming
Wi-Fi	Support
Bluetooth	Support
Interface	USB Type-C, HDMI
App	Support
Measurement correction	Target distance, atmospheric correction, ambient temperature and humidity, visibility
Laser Pointer	Support
Laser ranging	40 meters
Flashlight	Support
Buzzer	Support
GPS	Support
4G	Support
Compass	Support
Gas sensor	Customizable
Voice annotation	MIC
Battery	Detachable and rechargeable 5,000mAh Li-ion, support charge battery directly
Operation time	Approx. 5 hours when fully charged
Capacity	Built-in 32G EMMC, expandable to 256G via SD card
Record	Support take photos, record videos including radiometric videos
Radiometric file (video with temperature data for every frame)	Support
Photo interval	Support
Working temp	-10℃~+60℃
Storage temp	-40℃~+85℃

DP-64D Thermal Camera

Powered by a professional-grade 640*512 pixel uncooled VOx detector with thermal sensitivity of <40 mK, the DP-38D enables technicians to achieve precise focus and accurate temperature measurements via its manual focus system while capturing exceptionally detailed thermal images.

Highlight

4.3-inch LCD high-brightness touch screen

Equipped with industry level 640*512 IR detector and 8 MP digital camera

Support adding multiple temperature measurement objects such as points, lines, rectangles

Real-time interaction, combined with a self-developed digital detail enhancement algorithm, making temperature measurement work more professional and credible

Convenient WIFI connection enable real time data transmission to mobile phone via APP

	Parameters
Detector type	640×512 resolution, uncooled Vox
Lens	25mm, F1.0（standard), 19mm/35mm（optional）
Refresh rate	50Hz
NETD	＜40mK@25℃
FOV	17.5°（H）×14°（V）
Spectral range	8~14um
Measurement range	-20~1200℃（-4°F~2192°F）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support full-screen temperature measurement of max, min, center, regional
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	8 MP
FOV	D=73° H=66° V=40°
Screen size	4.3 LCD touchscreen
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP

DP-64D Thermal Camera

	Parameters
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Digital Zoom	Unlimited continuous zooming
Wi-Fi	Support
Bluetooth	Support
Interface	USB Type-C, HDMI
App	Support
Measurement correction	Target distance, atmospheric correction, ambient temperature and humidity, visibility
Laser Pointer	Support
Laser ranging	40 meters
Flashlight	Support
Buzzer	Support
Battery	Detachable and rechargeable 5,000mAh Li-ion, support charge battery directly
Operation time	Approx. 5 hours when fully charged
Capacity	Built-in 32G EMMC, expandable to 256G via SD card
Record	Support take photos, record videos including radiometric videos
Working temp	-10℃~+60℃
Storage temp	-40℃~+85℃

DP-64DI Thermal Camera

The DP-64DI is an upgraded version of the DP-64D. It adds GPS positioning, 4G wireless transmission, an electronic compass and MIC function. It supports coordinate recording for saved data, remote data transmission, azimuth marking and voice annotation, making it better suited for harsh field environments and high-demand inspection scenarios.

Highlight

Support GPS for traceable inspection data and convenient ledger archiving.

Support 4G to remotely and synchronously upload on-site thermal images and temperature data.

Built-in electronic compass for accurate azimuth readouts, significantly boosting field inspection efficiency

Real-time interactive full-temperature dynamic adjustment mode paired with self-developed digital detail enhancement algorithm ensures professional and credible temperature measurement

Temperature anomaly alarm: automatically detects abnormal temperature values with on-screen prompts and audible alerts.

Text and voice annotations can be added to photos and videos

	Parameters
Detector type	640×512 resolution, uncooled Vox
Lens	25mm, F1.0（standard), 19mm/35mm（optional）
Refresh rate	50Hz
NETD	＜40mK@25℃
FOV	17.5°（H）×14°（V）
Spectral range	8~14um
Measurement range	-20~1200℃（-4°F~2192°F）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support full-screen temperature measurement of max, min, central, regional
Palette	Iron red, rainbow, rainbow high contrast, white hot, black hot, arctic, lava
Digital camera	8 MP
FOV	D=73° H=66° V=40°
Screen size	4.3 LCD touchscreen
Image mode	Thermal, digital camera, edge fusion, overlay fusion, PiP

DP-64DI Thermal Camera

	Parameters
Language	English, French, German, Spanish, Portuguese, Russian, Arabic, Japanese, Korean, Chinese
Digital Zoom	Unlimited continuous zooming
Wi-Fi	Support
Bluetooth	Support
Interface	USB Type-C, HDMI
App	Support
Measurement correction	Target distance, atmospheric correction, ambient temperature and humidity, visibility
Laser Pointer	Support
Laser ranging	40 meters
Flashlight	Support
Buzzer	Support
GPS	Support
4G	Support
Compass	Support
Gas detection	Customizable
Voice annotation	MIC
Battery	Detachable and rechargeable 5,000mAh Li-ion, support charge battery directly
Operation time	Approx. 5 hours when fully charged
Capacity	Built-in 32G EMMC, expandable to 256G via SD card
Record	Support take photos, record videos including radiometric videos
Radiometric file (video with temperature data for every frame)	Support
Photo interval	Support
Working temp	-10℃~+60℃
Storage temp	-40℃~+85℃

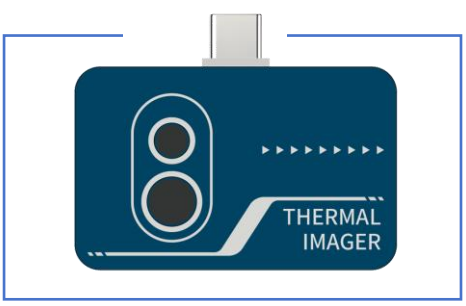
Comparison Table

	Parameters			
	DP-25DV	DP-25DR	DP-32DR	DP-12DV
Picture				
Detector resolution	256×192	256×192	320×240	120x90
NETD	50mK@25℃	50mK@25℃	40mK@25℃	50mK@25℃
Refresh rate	25Hz	25Hz	25Hz	25Hz
Screen size	2.8 inch	2.8 inch	3.5 inch	2.8 inch
Digital camera	1080P	1080P	1080P	1080P
Laser	No	Laser ranging and temp measurement of laser pointer	Laser ranging and temp measurement of laser pointer	No

Comparison Table

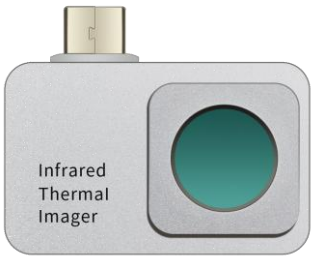
	Parameters			
	DP-38D	DP-38DI	DP-64D	DP-64DI
Picture				
Detector resolution	384×288	384×288	640×512	640×512
GPS	No	Yes	No	Yes
4G	No	Yes	No	Yes
Compass	No	Yes	No	Yes
Gas detection	No	Yes, customizable	No	Yes, customizable
Voice annotation	No	Yes	No	Yes

Smartphone Thermal Cameras



H2FB Thermal Camera (IR only)

The H2FB is a compact, lightweight, high-precision infrared thermal camera for mobile phones featuring fast response. It works with a professional thermal analysis App on Android devices to enable multi-mode thermal image analysis anytime and anywhere. It is widely used for equipment maintenance, outdoor exploration, air conditioning and underfloor heating inspection, and other scenarios.



Highlight

Plug-and-play for easy operation

Integrated metal housing, aesthetic and durable

Quality optical lens and detector deliver outstanding imaging performance

Ultra-portable design with weight as low as 20g

Support one-click photo and video recording

Support central point, max/min temperature tracking display

Multiple measurement modes including spot, line and polygon

	Parameters
Model	H2FB
Detector type	256×192 resolution, uncooled Vox
Spectral range	8~14um
Lens	3.2mm, F1.1
NETD	＜50mK@25℃
Refresh rate	25Hz
FOV	56°(H)× 42°(V)
Measurement range	-15~600℃（5℉~1112℉）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support temperature measurement of point, line , regional, max, min, central
Magnification lens	Support
Interface	USB Type-C
Image mode	Thermal
Palette	Iron Red, White Hot, Black Hot, Rainbow, Red Hot, Cold Blue
Working temp	-10℃ ~ 60℃
Storage temp	-45℃ ~ 85℃

H2F6B Thermal Camera

The H2F6B is a compact, lightweight, high-precision infrared thermal camera for mobile phones featuring fast response. It works with a professional thermal analysis App on Android devices to enable multi-mode thermal image analysis anytime and anywhere. It is widely used for equipment maintenance, outdoor exploration, air conditioning and underfloor heating inspection, and other scenarios.

Highlight

Plug-and-play for easy operation

Integrated metal housing, aesthetic and durable

Quality optical lens and detector deliver outstanding imaging performance

Equipped with 300,000-pixel digital camera

Support one-click photo and video recording

Support central point, max/min temperature tracking display

Multiple measurement modes including spot, line and polygon

	Parameters
Model	H2F6B
Detector type	256×192 resolution, uncooled Vox
Spectral range	8~14um
Lens	3.2mm, F1.1
NETD	< 50mK@25℃
Refresh rate	25Hz
FOV	56°(H)× 42°(V)
Measurement range	-15~600℃（5°F~1112°F）
Temp accuracy	±2℃ or ±2% of reading, whichever is greater
Temp mode	Support temperature measurement of point, line , regional, max, min, central
Digital camera	640×480
FOV	25Hz
Interface	USB Type-C
Image mode	Thermal, digital camera, fusion
Palette	Iron Red, White Hot, Black Hot, Rainbow, Red Hot, Cold Blue
Working temp	-10℃ ~ 60℃
Storage temp	-45℃ ~ 85℃

DytSpectrumOwl

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