

# Specifications

	D160	D160P	D400P	D400
<b>Thermal Infrared</b>				
Detector	160x120		400x300	
Pixel	25 μm	17 μm	25 μm	
NETD	60mk		45mk	
<b>Lens</b>				
Standard	31.9°x24.2°/7mm	22°x17°/7mm	25.5°x19.3°/15mm	29.5°x22.3°/19mm
Optional	NA	10.4°x7.8°/15mm High temperature filter	52°x40°/7mm 9.7°x7.3°/40mm High temperature filter	NA
Focus	Manual			
<b>Function</b>				
Temperature range	-20°C~150°C/ 150°C~650°C	-20°C~150°C / 150°C~650°C / 400°C~1500°C		-20°C~150°C / 150°C~650°C
Accuracy	± 2°C /±2%			
Parameters	Emissivity, environmental temperature, distance, humidity			
Analysis	5 points, 2lines, 5 boxes (Max, Min, Average), Isotherm, high temperature/low temperature tracing/alarming, dew point temperature			
<b>Image</b>				
Screen	4"high light touchable screen			
Image type	Infrared, visible, MIF (fusion mode), PIP (picture in picture)			
Image storage	JPG format with detailed temperature info, annotation			
Video Storage	Standard H.264 compressed with detailed temperature info			
<b>Hardware</b>				
Visible	500MP			
Other settings	Laser lamp, WiFi, Mic, speaker, SD card(16G)			
Interface	USB(video and power charging), HDMI			
SD card	16G(Optional 32G)			
<b>Power Supplying</b>				
Battery	Chargeable Li-ion battery			
Work hours	≥4 hours			
Charge	adapter, stand charger(dual-bay)			
<b>Environmental</b>				
Encapsulation	IP54			
Fall	2m			
Working temperature	-10°C~50°C			
Storage temperature	-40°C~70°C			
Certificate	RoHS, CE, UL, UN38.3 ( battery )			
<b>Physical Characteristics</b>				
Size	270mm x 116mm x 74mm			
Weight	850g			

Edition\_GD\_MD160330



## D Series Tool-like Thermographic IR Camera

D series as Guide Infrared's newly launched entry-level thermographic IR camera is rugged and practical performance oriented. The highlight of D series lies in the application of Guide patented MIF thermal image enhancement technology, which integrates the visual information into the thermal infrared image in real time intelligently. More than that, its PIP mode in MIF makes D series find heating up locations efficiently. With the 4"high light touch screen, D series enables instantly fingertips' tap with high precision; The built in WIFI connects D series cameras to smartphones and tablets, which make remote control and detailed temperature analysis in mobile terminals possible. Guide D series will be your ideal thermographic tools in electrical inspection, mechanical maintenance and building diagnostic.

### Features and Benefits

- 4"high light touchable screen of 800x480 resolution
- Share images and findings byWIFI app communication with mobile terminals
- Integrates visual information into thermal infrared image intelligently, MIF technology which makes troubleshooting more efficiently
- Multiple wide lens and tele lens for optional choice
- HDMI port supports output of HD stream live video
- IP54 encapsulation, 2m drop test certificate

### Applications

- Industrial inspection
- Mechanical maintenance
- House-hold appliance inspection
- Building diagnostic
- HVAC system inspection
- Electrical inspection

WUHAN GUIDE INFRARED CO.,LTD  
No.6 Huanglongshan South Rd,Wuhan,Hubei,P.R.China,430205  
T : +86 27 8129 8337 / 8338 / 8339 / 8340 F : +86 27 8129 8345  
E : overseas@guide-infrared.com

EUNIR SYSTEMS NV  
Kapeldreef 60,3001 Heverlee, Belgium  
T : +32 16 298 498 F : +32 16 298 319 E : info@eunir.com



<http://www.guideinfrared.com>

( Copyright©2015 Wuhan Guide Infrared Co., Ltd. All rights reserved. )

