

D160 Pro Specifications:

Thermal Camera	
Detector Type	Vanadium Oxide Uncooled Focal Plane Arrays
Detector Resolution	160x120
Pixel Size	17 μ m
FOV/Min. Focus Distance	37.2°x50°/15cm
Spatial Resolution	5.4mrad
Thermal Sensitivity (N.E.T.D)	< 40mK@25°C,F#=1.0
Spectral range	8~14 μ m
Focus Length	3.1mm
Focus Type	Fixed
Measurement	
Temperature Range	-20°C ~ + 550°C
Accuracy	\pm 2°C or \pm 2% of readings
Tools	Centre Spot, auto hot/cold
Colour Palette	White hot, Black hot, Iron red, rainbow
Correction	Emissivity/Distance
Image Presentation	
Image Mode	IR Only
LCD Display	2.4" (320x240)
Frame Rate	25Hz
File Format (Thermal)	JPEG
Image Storage	> 160 000 images
Power	
Power Interface	Micro USB Direct Charge
Battery Type	Rechargeable Li-ion Battery
Working Voltage	DC 3.7V(0.4A)
Power Consumption	1.2 W
Battery Life	8 Hours
Environment	
Encapsulation	IP54
Humidity	10% to 95%, non-condensing

Operating Temperature -10°C~+50°C

Storage Temperature -40°C~+70°C

Shock 25G

Vibration 2G

Physical Characteristics

Weight 350g including battery

Dimensions 96x78x59mm

Tripod Mount 1/4" _20

Additional Features

Laser Pointer Yes

Menu Languages English/German/French/Russian/Korean/Spanish/Portuguese
/Italian/Japanese/Hungarian/Czech/Slovak/Polish/Romanian/
Danish/Turkish/Traditional_Chinese