



SATIR-D160

Infrared Thermal Imaging Camera

Introduction

D160 is a versatile, rugged and ergonomically designed thermal imager. It adopts a UFPA detector to ensure excellent infrared resolution and a variety of palette modes. It delivers good quality imaging performance and is a durable camera with IP65 encapsulation, water resistance making it suitable to be used in a wide range of industries and applications.

Features

- 160x120 resolution
- NETD \leq 50mk
- Ergonomic design
- Easy operation
- 6 hours continuous operation



D160 SPECIFICATION

IMAGING PERFORMANCE	
NETD	50mK
Focus	Fix focus
Display	2.8" TFT LCD, 320*240
Detector type	FPA, Uncooled Microbolometer, 16 0×120 pixels
Frame rate	9Hz
Spectral range	8-14um
FOV	56°×42°
Spatial Resolution (IFOV)	11 mrad
Measuring Range	10~40°C (accuracy±0.5°C)
Temperature Reading	Auto capture max./min. temperature and center temperature measurement
Image	
Composite Image	BPM format, Auto/Manual save to SD card
Palettes	Iron/White hot/Black hot/Rainbow/Feather
Environment	
Operating Environment temperature	-20°C ~ 50°C
Storage Temperature	-40°C ~ 70°C
Humidity	10% ~ 90%, non-condensing
Power	
Battery	Li-ion 3.7V/5000mAh, 4 hours charging time-5V/2A
Operate time	≥6 Hours
Physical Characteristics	
Size	236x 75.5 x86mm
Weight	≤455g
IP/Drop Standard	IP67, 2 meters drop approved
Accessory	User Manual*1, USB-C cable*1, 16GB TFT Card*1

