

US-DM60I

High sensitivity infrared thermal camera



Product Features:

- Thermal : 160X120
- Artificial intelligence temperature measurement system, non-medical, human Industrial intelligence drive
- 1.5m-5m long-distance human body temperature detection;
- Camera + embedded motherboard + black body integrated structure
- Built-in black body, automatic correction
- Quickly detect the thermal temperature of the forehead in milliseconds, 0.2°C accuracy
- Large streams of people can be measured and detected within 0.05 seconds.
- Measurement can be carried out without the complete knowledge of the detected object.

Specifications:

Mode: US-DM60I	
Temperature Measurement	
Measurement Range	20°C -50°C
Field Angle(Calculated Value)	40°(H) x 30°(V)
Calibration	Self-Calibration
Measurement Distance	1.5-5m
Infrared Camera	
Detector Type	Uncoiled Infrared Array Sensor
Resolution	160X120(384*288 optional)
Pixel Pitch	17μm
NETD	≤60mk (F/1,300K, 50Hz)
Frame Rate	15 Hz
Temperature Measurement Data Output	Full Range Temperature Output
People Per Second	3-4 persons
Visible Camera	
Resolution	1920*1080(2 M>illion Pixels)
Imaging Device	1/2.7inch CMOS
Lens	6mm
Minimum Illuminance0.01	Lu (Color Mode) , 0.001Lux(Black and White Mode)
Signal to Noise Ratio	>56dB
Other Parameters	HAIRCUT Automatic Switching, Backlight Compensation, Strong Light Suppression, Automatic White Balance
Black body	
Effective radiation area	20mm*30mm
Area impassivity	0.96 ±0.02
implicature range	(Ambient temperature+5°C)~(-50°C)
Temperature resolution	0.01°C
Stable accuracy	>±0.1°C
Heating time	<2 minute
Motherboard parameters	
CPU & SOC	64 bit 1.5GHz Quad-Core (28nm), Broad com BCM2711
Bluetooth	5.0
USB	USB 2.0*2/USB 3.0*2
HDMI	Micro HDMI*2 support 4K60
Powered by	Hype C(5V 3A)
Network	Wi-Fi 802.11AC,Gigabit
Multimedia	H.265(4K@60fps), H.264(1080p@60fps,1080@30fps) Opening es,3.0 graphics)
Other Parameters	
Installation Environment	Indoor or Outdoor
Input Power Supply	12VDC
Working Temperature	0°C-40°C
Size	230mmx142.6mmx88.5mm