

# DM60-WS Series Body Temperature Measurement System Specification

## 1. Product images



## 2.Features

- Miniaturization, easy installation of equipment, can be integrated into all types of entrance and exit gate system.
- Full-network type, using 320 x 240/160 x 120 network-type thermal imaging camera, 200W high-definition network-type visible light camera, single IP transmission.
- Host-side infrared camera machine front-end temperature measurement technology, high-definition visible video synchronous compression processing, support ONVIF video transmission, and two-way image with temperature overlay display.
- Support the real-time temperature detection of the face, effectively avoid other high temperature objects in the view field interference.
- Support the face capture function of the alarm person, and match the function with the human face library.
- Intelligent temperature measurement, body temperature automatic correction, real-time display of body temperature.
- Automatic correction, no manual interference, built-in reference black body and high-precision temperature sensor, completely eliminate temperature drift, can be stable and reliable for a long time, without environmental temperature and other factors interference.

## 3.Technical parameters

Item		DM60-WS	DM60-WS1
Thermal	Detector type	Uncooled FPA	

	Spectrum range	8 - 14 $\mu\text{m}$	
	resolution	320 $\times$ 240	160 $\times$ 120
	NETD	$\leq 60\text{mk}$	
Thermal lens	FOV	17.3° $\times$ 13.0°	40° $\times$ 30°
	Focal length	18mm	3.85mm
Functions	Measuring range	20°C ~ 50°C	
	Measurement accuracy	$\leq \pm 0.3^\circ\text{C}$	
	Alarm response time	< 1s	
	Color	11kinds of color	
	Temperature correction	Full automatic temperature correction with built-in and external black body	
	Distance	2~7m	1~3m
Alarm function	Alarm mode	Body surface mode, armpit mode	
	Alarm quantity	Above 30	
	Intelligent function	Support face detection and face temperature comparison	
	Alarm trigger	support	
Visual light camera	Resolution	1920*1080	
	sensor	200M CMOS Starlight ultra-low illumination camera	
	functions	Support WDR, Strong light suppression	
	FOV	17.3° $\times$ 13.0°	40° $\times$ 30°
Network	Application programming	ONVIF Profile S, SDK can provide, support Windows (32bit/64bit) and Linux	
	Web browser	Browser support : Microsoft Internet Explorer (IE 9~11)	
	Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP,	
Environmental	Working temperature	-20°C - +50°C	

	Storage temperature	-40°C - +60°C
Physical characteristics	voltage	DC 12V
	consumption	≤ 15W
	Network port	RJ45
	Weight	<1.5KG
	dimension	<150*120*90mm
	Working environment	Indoor