

## Technical Parameter

Items		DM66-S	DM63-S
Detector characteristics	Detector type	Un-cooled FPA micro-bolometer	
	Array size/format	640×480	384×288
	Field of view/min focus distance	24°×18°/0.1m	
	Spatial resolution (IFOV)	0.67mrad	1.37mrad
Image characteristics	Thermal sensitivity	≤0.06℃@30℃	
	Frame frequency	50/60Hz	
	Focus	Auto / Electric	
	Zoom	X2 X4 continuous electric	
	Spectral range	8-14um	
Measurement	Color palette	11palettes changeable	
	Image adjustment	Auto/manual gain and brightness	
	Temperature ranges	-20℃~500℃	
	Accuracy	±2℃ or ± 2% of reading, Whichever is greater	
	Measurement calibration	Automatic / Manual	
	Measurement mode	4 movable spots, 3 movable areas (maximum, minimum and average temperatures), Line profile, Isotherms, Temperature difference, Alarm( color)	
	Emissivity correction	Variable from 0.01 to 1.0	
	Background temperature correction	Automatic corrections according to user input	
Set up	Atmospheric transmission correction	Automatic correction according to user input object distance, humidity and temperature	
	Setup functions	Temperature Unit °C/°F/k	
	Storage mode	Back-end manual/auto single frame image storage, continuous recording	
	Original data	Single frame/continuous collection of original data with analysis and measurement	
Image storage	Image storage	Manual/auto single frame storage with BMP format	
	Recording format	Continuous recording with H.264 format	
Power source	Input voltage	DC10-15V	
	Power dissipation	9W	7W
Interface	Power interface	Yes	
	Analog video output	PAL	
	Digital video output	Ethernet port	
	Serial port	RS485 (optional)	
	Alarm (IO port)	2IO control ports	
	Debugging port	Connecting to control key board	
	Reset switch	YES	
	Earthing	YES	
Environment	Operating temperature	-15℃ ~ +50℃	
	Storage temperature	-40℃ ~ +70℃	
	Encapsulation	IP67	
	Humidity	≤90%non-condensing	
	Anti-vibrated	25G , IEC68-2-29	
Physical characteristics	Shock-resistant	2G , IEC68-2-6	
	Electromagnetic compatibility	In accordance with CE/FCC	
	Weight	1kg	
	Dimension (W×H×D)	75×72×230mm	

▲ The information contained in this document is subject to change without notice



Online application in power industry



Online application in new energy



Online application in forest fire prevention



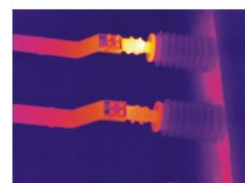
Online application in technology research



Online application in inspection & quarantine



Online application in industrial detection



Decrease of bushing insulation



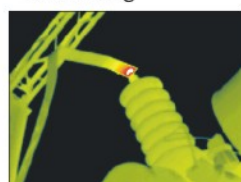
Sleeve connection overheating



Overheating



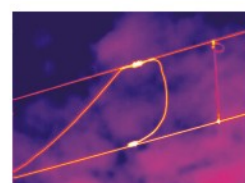
Overheating junction



Abnormal neutral point connector of transformer



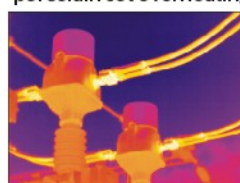
High voltage wire porcelain set overheating



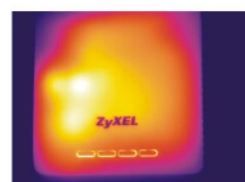
Circuit fault



Poor contact



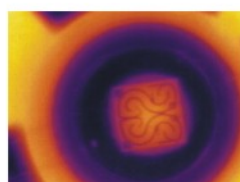
Main transformer switch



Scientific research



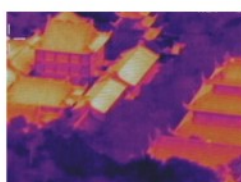
New energy



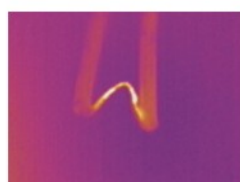
New energy



Airport body temperature examination



Forest fire prevention



Scientific research

**ZHEJIANG DALI TECHNOLOGY CO.,LTD**

Add: 639 Binkang Road, Hangzhou, P.R.CHINA, 310053

Tel: +86-571-86695603 Fax: +86-571-86695600

http://www.dali-tech.com E-mail: market@dali-tech.com



## Online Front-end Temperature Measurement Thermal Imaging Camera DM63/66



400 887 1897 www.dali-tech.com

DM63/66 series

EXCELLENT IMAGE QUALITY  
384 x 288 Pixel

DALI PROFESSIONAL  
THERMAL IMAGING CAMERA MANUFACTURER

Continuous recording



**DALI** DM63/66

## DM63/66

Newly released by DALI, DM63/66 serial is one kind of online IR thermal imaging camera with the pixel of  $384 \times 288/640 \times 480$  and front-end measurement technology. It has the features of precise & stable measurement, smooth network transmission, high protective structure, convenient installation, complete SDK software. It is now widely applied in industry, power, and technology research.



$384 \times 288/640 \times 480$  pixel



IP67



Continuous recording in format H.264

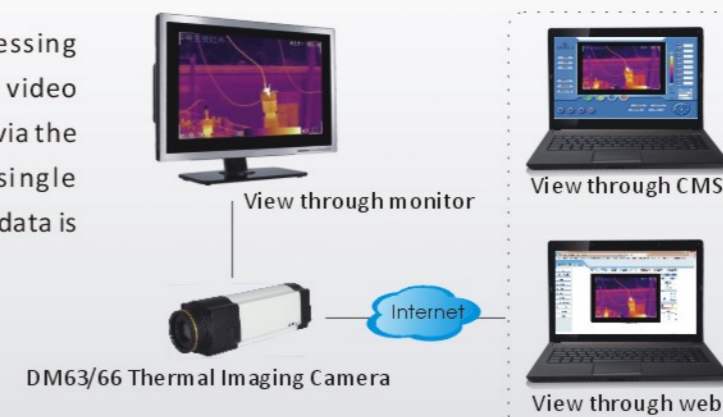


Convenient installation & integration



Front-end measurement

The front-end can finish image processing and temperature operation, simulate video and output directly to the monitor or via the web or CMS to view the video. The single frame or continuous collection of raw data is for the second temperature analysis.



★Free **SDK** software is available!

DALI

IR Application

