DALI

Thermal Imaging Camera

Industry temperature measurement

DL708

640x480 uncooled FPA detector
High-resolution images
Infrared and visible image fusion

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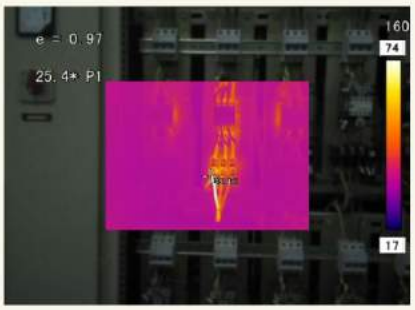
DL708 Thermal Imaging Camera



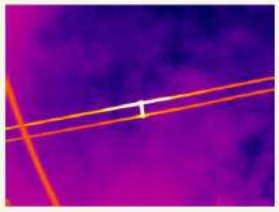
Infrared and visible image fusion

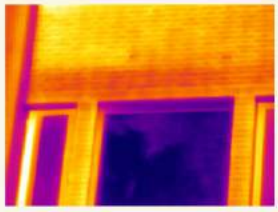
Rotatable Viewfinder&LCD

Auto/Manual lens

DL708 is newly developed uncooled thermal imaging camera, which features high resolution 640x480 pixels, multi rotated big size touch screen, IR & CCD fusion, 5 mega pixel CCD camera, high brightness LED light, record in H.264 or original data, JPEG format picture back up, sounds & light alarm, text and voice noted, network interface, built in laser, Bluetooth, WIFI etc.

This model is suitable for a wide range of application, such as professional industry inspection and testing, power plant, railway, petrochemical, metallurgy, construction, scientific application etc.





Parameter

Item			DL708
Detector characteristics	Detector type		Uncooled FPA microbolometer
	Array size/format		640×480
Image characteristics	Field of view/min focus distance		24°×18°/0.2m
	Spatial resolution (IFOV)		0.65mrad
	Thermal sensitivity		≤0.03℃@30℃
	Frame rate		50/60Hz
	Focus		Auto/electronic focus
	Spectral range		8-14μm
	E-zoom		1-8X Continuous zoom
	Built-in visual camera		5Mpixel, CMOS Module, LED light
Image display	Viewfinder		Built-in high-resolution color LCD
	LCD		High-resolution color LCD, 640×480
Measurement	Temperature ranges		-40℃- +650℃
	Accuracy		±2℃ or ±2% of reading, which ever is greater
	Measurement correction		Auto/manual
	Measurement mode		Up to 10 movable spots. Up to 5 movableareas (maximum, minimum and average temperatures). Line profile. Isotherm. Temperature difference. Alarm(voice, color)
	Color palette		11 palettes changeable (Iron, Rainbow, Grey and Grey inverted, etc.)
	Image adjustment		Auto/manual gain and brightness
	Setup functions		Date/time, temperature unit, language
	Emissivity correction		Variable from 0.01 to 1.0 or select from listings in pre-defined material list
	Ambient temperature correction		Automatic corrections according to user input
	Atmospheric transmission correction		Automatic correction according to user input object distance, relative humidity , ambient temperature
Image storage	Storage card		8G SD(TF) card , Up to 32G
	Storage mode		Manual / Automatic single-frame image storage, continuous visible, infrared video recording
	File format-thermal	Single frame	JPEG, 14 bit thermal image with measurement data
		Video	MPEG-4 or 14 bit thermal image with measurement data
	File format-visual	Single frame	JPEG or linked with corresponding thermal image(Pic. in Pic.)
		Video	MPEG-4
	Voice annotation		Input via built-in microphone Up to 60 seconds of digital voice per image stored with image
	Text annotation		YES, user define
Laser pointer	Laser pointer		Class 2, 1mw/635nm(red)
Power supply	Battery type		Li-Ion, rechargeable
	Battery operating time		3 hours continuous operation
	Charging system		Intelligent charger or power supply adaptor(optional) online charge
	Power saving		YES
	External power		10-15V DC
Environment	Operating temperature		-15℃-+50℃
	Humidity		≤90%non-condensing
	Encapsulation		IP54
Physical characteristics	Weight		1.7Kg
	Dimensions		250mm×180mm×150mm
Interface	External DC input		Yes
	Audio output		Yes
	Video output		Yes, PAL/NTSC
	Audio/Data output		Bluetooth (Optional)

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

ZHEJIANG DALI TECHNOLOGY CO.,LTD

Add: 639 Binkang Road, Hangzhou, P.R.CHINA 310053
Tel: +86 571 8669 5603 Fax: +86 571 8669 5600
Web: www.dali-tech.com E-mail: sales@dali-tech.com