Thermo FLEX F50



Customize button

Customized buttons for more efficient measurements				
You can set frequently used functions to three buttons.				
Assignable functions				
Light ON / OFF •Image rotation •Composite display switching Auto scale ON / OFF •Temperature alarm ON / OFF Color alarm ON / OFF •Information ON / OFF Menu display ON / OFF •Switch to preview Thumbnail switching •Live mode switching				

• Blue: LED light ON / OFF • Green: Auto scale • Yellow: image rotation

Infrared Thermal Imaging Camera InfReC F50 series: Specification BAS: Basic, STD: Standard, ONL: Online 5.3mrad 2.8mrad 2.8mrad Focal Distance Focus Frame Rate -20°C to 350°C 0.05°C at 30°C ±2°C or ±2% (Indicated \

Image Display		· F===== (==============================		
	Gradation	256 / 128 / 64 / 16 grade		
	Visible Camera	CMOS camera 5M pixels		
	Visible/Thermal Fusion	Picture-In-Picture (with trimming function), Blending (transparency changeable, size & position adjustable)		
	Display Functions	1 to 4 times continuous digital zoom (Thermal, Visible, Fusion)		
Measuring Functions	Alarm Function	Alarm Display, Alarm Sound, Color Alarm, Alarm Recording		
	Temperature Correction	Emissivity (Full image, Multi-point), Environmental/Background, Emissivity Table		
	Point Temperature	5 Movable Points, Temperature Search:MAX/MIN x1 each		
	Temperature Display in Assigned Region	_	BOX × 1 (MAX, MIN and AVG in Box)	
	Line Profile	_	Line × 1	
	Delta Temp	_	Delta T × 1	
	Storage Device	micro-SD Card, Conforms to SDHC		

	Delta Temp		_	Delta T × 1	
Storage & Output	Storage Device		micro-SD Card, Conforms to SDHC		
		Data Form	Still Image : JPEG with temperature data (14 bit) Recorded with, Visible Image		
	Data Storage Interval F Trend Gra Line Prof	Continuous Recording	— Max 7.5Hz (Up to 10 sec.)		
		Interval Recording	<u> </u>	3 sec to 60 min interval, with Visible Image recorded	
		Trend Graph	_	csv format	
		Line Profile	_	csv f	ormat
		Voice Recording		30 sec Recording, replay per a Thermal image	
	Text Annotation		Annotate up to 128 Characters per a Thermal Image. Characters imported from SD Card		
	File Transfer		USB2.0 (MTP)		
	Interface	Real Time Transfer	_	_	USB2.0 Image transfer (Thermal Image with visible image. Maximum transfer speed 7.5 H
Ar Ei	Display			4.8 inch HD (720 × 1280 pixels), Touch Panel	
	Auxiliary			LED Light (equipped Camera Unit)	
	Operating Temperature & Humidity		Camera Unit : -20°C to 70°C, 90%RH (non-condensing)*7 / Controller Unit : -20°C to 50°C, 90%RH (non-condensing)		
		Storage Temperature & Humidity	Camera Unit : -40°C to 60°C, 90%RH (non-condensing) / Controller Unit : -40°C to 60°C, 90%RH (non-condensing)		
	Environment	Drop, Vibration & Shock	Engineered to withstand 1m drop, 29.4m/s² (3G), 294m/s² (3G)		
	Resistance	Dust & splash proof	Protection class IP64 equivalent		
		EMC	Conforms to CE regulations (Class A)		



Overseas Sales Department Industrial Electronic Products Sales Division

Shin-Yokohama Plant Shimamura-Building, 4475, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, 224-0053, Japan TEL: +81-45-930-3596
FAX: +81-45-930-3597

E-mail: product-irc-e@ml.avio.co.jp



WARNINGS & CAUTIONS

•Before using this product, please carefully read the provided Operation Manual "WARNINGS" & "CAUTIONS" section to ensure proper operation. •Please do not place the product in high temperature, high humidity or high inert gas environments.

Distributor:









"Free Style" thermal imaging camera offers various camera styles

A new style of thermal imaging camera "Thermo FLEX F50" has a removable camera-head and controller. You can take various measurement styles in a wide variety of measurement scenes!



Rotation Style: Camera-head can be tilted and can be mounted on the both joint of controller.



Separation Style: Removed camera-head from controller. Camera-head can be freely operated.



The camera-head and controller can be mounted on tripod by screw.

"Look Up", "Look Down", "Turn Around", "Attach On", "Put In" — Shoot Freely in Any Styles!

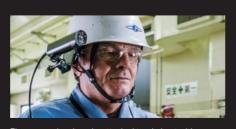
Efficient measurement is possible even in the place such as narrow space and inside a device, etc.



Rotating camera-head by tilting sense provides you comfortab shooting without facing upward to the high angle.



You can shoot from any angle comfortably by the removable camera-head while watching the controller.



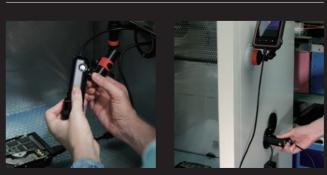
of wearable or the controller, and can be attached to a pole as camera stick.

Easy Touch Operation even Beginners



The function such as "Temperature Scale Setting" and "Point Measurement" by touch operation are equipped. Intuitive operation makes the thermal measurement easy and efficient.

Up to 70°C heat-resistant camera-head



The small camera-head can be put into a device such as thermostatic chambers. You can operate remotely by touch screen of the external controller while checking the measurement status.

Easy Hardware Key Operation even wearing gloves



Frequent operation such as "Temperature Scale Setting" and "Recording" can be performed by hardware key. Comfortable one-hand measurement is possible even wearing gloves.

Attachable camera to tripod and wall



The camera-head and controller can be mounted on a tripod or fixed on a wall for stable and easy measurement. The camera can be supported various usages with many combinations of commercial accessories freely.