imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Ti40/Ti50 Series IR FlexCam[®] Thermal Imagers



SmartView[™] Software

Fluke SmartView[™] software is included with each Fluke IR FlexCam[®] Thermal Imager. This powerful software is a modular suite of tools that annotates, views, edits and analyzes IR images. It also generates fully customizable and professional-looking reports in a few easy steps. The IR-Fusion technology is fully supported.



Complete package

The IR FlexCam thermal imagers are delivered as a complete package.



Building Diagnostics

Fluke also offers a line of thermal imagers for Building Diagnostics, the IR Insight and the TiR Series. Some typical applications are industrial roofing, moisture remediation, energy audits and home inspection. For more information on these thermal imagers please check the Fluke web.

	(Check th
Thermal Imaging performance	
Field of view (FOV)*	
Spatial resolution (IFOV)*	
Min focus distance*	
Thermal sensitivity (NETD) at 30 °C	≤(
Detector data acquisition / Image frequency	
Focus	
IR digital zoom	
Detector size	
Detector type	Foc
Spectral band	
Visual Imaging performance (Fusion models only)	
On-camera operating modes	
- Picture-in-Picture	
- Full thermal, full visual light or merged thermal-visual images	Sm
Visible light camera	
Visible light digital zoom	
Temperature measurement	
Calibrated temperature range	-20 t
1200 °C High temperature option	
Accuracy	
Measurement modes	
- Centerpoint, center box (area min/max, average)	
- Moveable spots/boxes	
- Isotherms, automatic hot and cold point detection,	
- Visible color alarm above and below	
Emissivity correction	
Image presentation	
Digital display	
Video output	H
Palettes	Gray
Optional lenses	
54 mm Telephoto lens	
Field of view (FOV)	
Spatial resolution (IFOV)	
Min focus distance	
10.5 mm wide angle lens	
Field of view (FOV)	
Spatial resolution (IFOV)	
Min focus distance	
Image and data storage	
Storage medium	Com
File formats supported	14 bi
Interfaces and software	
Interface	
Included software	Si
Laser (IR-Fusion models only)	
Classification	
Laser targeting	I
Controls and adjustments	

Controls and adjustments
Set-up controls
Image controls
On-screen indicators
*stendard 20 mm Commentium lang

*standard 20 mm Germanium lens

Battery life: 3 hours continuous operation (2 hours on FT models) Water and dust resistant: IP54 Size (HxWxD): 162 mm x 262 mm x 101 mm Weight: 1.88 kg Two Years Warranty







Recommended Accessories

103232 Anti-glare Hood

104543 Car charger

 Ti-SBC
 Ti-SBP

 Battery Charger
 Rechargeable Battery

 Pack
 Pack

Specifications

		-	
ck the Fluk	e web for c	letailed spe	cifications
Ti40	Ti45	Ti50	Ti55
	23º horizontal	x 17° vertical	1
	mrad		mrad
		5 m	
≤0.09 °C	≤0.08 °C	≤0.07 °C	≤0.05 °C
30 Hz	/30 Hz		/60 Hz
SmartH	ocus; one fing	rer continuou	s focus
	2x	2x	2x, 4x. 8x
160 :	x 120	320 x	
	Array, Vanadi	um Oxide (VC	x) Uncooled
	Microbo	lometer	
	8 µm to	ο 14 μm	
•	•	•	•
Smartview	•	•	•
only	290 v 1024 v	ivola full colo	~
1	280 x 1024 p 2x	2x	2x, 4x. 8x
	28	28	2A, 4A. OA
-20 to 350 °C	-20 to 600 °C	-20 to 350 °C	-20 to 600 °C
	•		
+2°	C or 2 % (whi	chever is are	ater)
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