

Fluke TiR1/R Thermal Imagers

Optimized for building envelope inspection, restoration and remediation and roofing applications.

The new Fluke TiR1 and TiR Thermal Imagers are the perfect imagers for any building application.

- Enhanced problem detection and analysis capabilities with patentpending IR-Fusion® Technology

 only available from Fluke.
- Optimized for tough environments
 - Engineered and tested to withstand a 2 meter (6.5 foot) drop
 - Withstands dust and water—tested to an IP54 rating
- Delivers the clear, crisp images needed to find problems fast
 - Identify the smallest temperature differences common in building and roofing applications with their optimized thermal sensitivity (NETD)

- High performance, low noise sensor provides high quality image and stable temperature reading
- Even the smallest details become visible with the large, widescreen full color LCD display
- Intuitive, three-button menu is easy to use ... simply navigate with the push of a thumb.
- No need to carry pen and paper record findings by speaking into the camera— voice annotation comments are saved with the image. (TiR1 only)
- Store more than 3,000 screen images (.bmp format) or 1,200 IR-Fusion images on included 2 GB SD memory card.





Fluke TiR1/R specifications

Inage in particularities Field of the provide provides 23's horizontal x 17" vertical		Fluke TiR1	Fluke TiR			
Pieted view (POV) 23° horizontals IT* vertical Minimum focus distance Thermal fems: 15 on (approx. 6 in), visible (visual) light lens: 46 on (approx. 18 in)	Imaging performance		53330 525			
Minimum focus distance		23° horizontal y 17° vertical				
Thermal sensativity (NETD) ### STO / 2.5 °C ##						
Decision Process Pr						
Pocision	•	, ,	· , , , , , , , , , , , , , , , , , , ,			
Detector size Ficture - in-Picture [Blending is user selectable Detection and National Mill) and full screen in Picture - in-Picture Picture - in-Picture - in-Picture Picture - in-Picture - in-Picture Picture - in-Picture - in-Picture - in-Picture - in-Picture Picture - in-Picture - in-Picture - in-Picture - in-Picture Picture - in-Picture Picture - in-Picture - in-Pictur		-	*			
Pleture in-Picture fillending is user selectable between MAX, MED and MINI) and full screen is relevant on the fillending is user selectable between MAX, MED and MINI) and mini screen is relevant on the fillending is user selectable between MAX, MED and MINI) and mini screen is relevant on the fillending is user selectable between MAX, MED and MINI) and mini screen is related to the fillending is user selectable between MAX, MED and MINI) and minimal screen fillending is user selectable between MAX, MED and MINI) and minimal screen fillending is user selectable between MAX, MED and MINI) and minimal screen fillending is user selectable between MAX, MED and MINI and minimal screen fillending is user selectable between MAX, MED and MINI and minimal screen fillending is user selectable between MAX, MED and MINI and minimal screen fillending is user selectable between MAX, MED and MINI and minimal screen fillending is user selectable between MAX, MED and MINI and MINI and MINI and MINI and MINI and MINI and minimal screen fill screen fillending is user selectable between MAX, MED and MINI and M						
Temperature range -20 °C to +100 °C [-4 °F to +212 °F]. 2 ranges −20 °C to +100 °C [-4 °F to +212 °F]. Accuracy ± 2 °C or 2 % (whichever is greater) ± 5 ° C or 5 % (whichever is greater) Measument modes Center point and hot and cold markers Center point On-screen emissivity correction No Instage presentation No Digital display 9.1 cm [3.6 in) diagonal landscape color VGA (640 x 480) LCD CD backlight Selectable bright or auto Palettes Ironbow, blue-red, high contrast, amber, hot metal, grey Ironbow, blue-red, high contrast, amber, hot metal, grey Ironbow, blue-red, high contrast, amber, hot metal, grey Ironbow, blue-red, high contrast, grey hot metal, grey Inage and data storage Final diometric Yes No Storage medium 2 GB SD card stores up to 3000. bmp IR images or 1200. IS2 IR-Pusion images Selectable bright or auto File formats supported Exportable to JPEG, BMP, GIF, PNC, TIFF, WMF EXIF, and EMF No Voice meno recorder (voice annotation) SemantView ; Full analysis and reporting software included Set-up controls Date/time, 'C/F, language, emissiviry, hot spot and collapse in the present of the public properties of the public properties of the public properties of the public properties of the public pr		Picture-in-Picture (Blending is user selectable between MAX, MID and MIN) and full screen IR				
Temperature range	Visual (Visible light) camera	640 x 480 pix	els, full color			
Accuracy # 2 °C or 2 % (whichever is greater) # 5 °C or 5 % (whichever is greater) Measurement modes Center point and hot and cold markers No Integr presentation Integr presentation Digital display 9.1 cm (3.6 in) diagonal landscape color VGA (640 x 480) LCD LCD backlight Selectable bright or auto Palettes Ironbow, blue-red, high contrast, amber, hot metal, grey Integr and data storage Pully radiometric Yes Storage medium 2 GB SD card stores up to 3000. bmp IR images or 1200. IS2 IR-Fusion images Pile formats supported Exportable to IPEG, BMP, GIP, FMG, TIPP, WMF EXIF, and EMF Voice meno recorder (voice annotation) Software Smart/View: Full analysis and reporting software included Sel-tup controls Date/time, 'C/F, language, emissivity, hot spot and cold spot on image Language selection Date/time, 'C/F, language, emissivity, hot spot and cold spot on image Inage controls Date/time, 'C/F, language, emissivity, hot spot and cold spot on image English, German, Prench, Spanish, Portuguese, Italian, Swedish, Pinnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Inage controls Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Internal rechargeable battery (included) Battery type Battery type Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power asking 2 hours with a charger of de or charger (charge battery while operating) AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Prover saving Automatic shutdown and sleep modes (user specified) Purporating temperature - 10 °C to +50 °C (+14 °T to +122 °F) Storage temperature - 20 °C to +50 °C (+14 °T to +122 °F) Storage temperature - 20 °C to +50 °C (+14 °T to +122 °F) Prover temperature - 20 °C to +50 °C (+14 °T to +122 °F) Relative humidity - 20 Frant x 127 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Warranty - Two-years	Temperature measurement					
Measurement modes	Temperature range	-20 °C to +100 °C (-4 °F to +212 °F), 2 ranges	-20 °C to +100 °C (-4 °F to +212 °F)			
Measurement modes	Accuracy		<u> </u>			
On-screen emissivity correction Yes No Inage presentation Ugital display 9.1 cm (3.6 in) diagonal landscape color VGA (640 x 480) LCD LCD backlight Selectable bright or auto Palettes Ironbow, blue-red, high contrast, amber, hot metal, grey Ironbow, blue-red, high contrast, grey Image and data storage Fully radiometric Fully radiometric Yes Storage medium 2 GB SD card stores up to 3000 .bmp IR images or 1200 .ls2 IR-Fusion images Full ormats supported Exportable to JPEG, BMP, GIF, PNG, TIFF, WMF EXIF, and EMF Voice memo recorder (voice annotation) Yes No Software Controls and edjustiments SmartView : Full analysis and reporting software included Set-up controls Date/time, "C/F, language, emissivity, hot spot and cold spot on image Date/time, "C/F, language emissivity, hot spot and cold spot on image Date/time, "C/F, language emissivity, hot spot and cold spot on image Date/time, "C/F, language emissivity, hot spot and cold spot on image Baterup controls Date/time, "C/F, language, emissivity, hot spot and cold spot on image Date/time, "C/F, language emissivity, hot spot and adam and ascaling and manual scaling On-screen indicators Battery the manual scaling and the scale and adam and a		, ,	·			
Digital display S.1 cm (3.6 in) diagonal landszepe color VGA (640 x 480) LCD	On-screen emissivity correction	-	*			
Digital display 9.1 cm (3.6 in) diagonal landscape color VGA (640 x 480) LCD LCD backlight Selectable bright or auto Raleletes Ironbow, hiue-red, high contrast, amber, hot metal, grey Ironge and data storage Fully radiometric Storage medium 2 GB SD card stores up to 3000 .bmp IR images or 1200 .1S2 IR-Pusion images File formats supported Exportable to PEG, BMP, GIF, FNG, TIFF, WMF EXIF, and EMF Voice memo recorder (voice annotation) Software Controls and adjustments Software SmartView; Full analysis and reporting software included Set-up controls Bate/time, "C/F, language, emissivity, hot spot and cold spot on image Language selection English, German, French, Spanish, Portugusee, Italian, Swedish, Finnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Image controls Battery operating the Sattery status, real time clock and center point temperature, range and span indication and high and low alarm settings Fover Battery type Battery type Battery type Battery type Battery type Battery type Ac operation A C adapter/charger 10/230 V ac, 50/60 Hz Power saving Power saving A Lours with ac charger or dc car charger (charges battery while operating) AC operation AC adapter/charger 10/230 V ac, 50/60 Hz Power saving Power saving Power and dust resistant File of the set of the	,					
Description		9.1 cm (3.6 in) diagonal landsca	nne color VGA (640 x 480) LCD			
Palettes Ironbow, blue-red, high contrast, amber, hot metal, grey Ironbow, blue-red, high contrast, grey						
Fully radiometric Storage medium 2 GB SD card stores up to 3000 .bmp IR images or 1200 .IS2 IR-Fusion images File formats supported Exportable to JPEG, BMP, GIF, PNG, TIFF, WMF EXIF, and EMF Voice memo recorder (voice annotation) Software Controls and adjustments Software SmartView; Full analysis and reporting software included Set-up controls Date/time, 'C/F, language, emissivity, hot spot and cold spot on image Language selection English, German, Prench, Spanish, Portuguese, Italian, Swedish, Finnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Image controls Battery status, real time clock and center point temperature, range and span indicators Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Battery type Battery charging AC operating ime 3 to 4 hours continuous operating Battery charging AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Divisionmental and mechanical design Environmental and mechanical design Operating temperature -10 °C to +50 °C (+1 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Storage temperature Power add dust resistant Power and dust resistant First Two meter (6.5 feet) drop test First Two meter (6.5 feet) drop test Power size (HxWzD) Acting time for the size of the power of the po		Ironbow, blue-red, high contrast, amber,	<u> </u>			
Storage medium 2 GB SD card stores up to 3000 .bmp IR images or 1200 .IS2 IR-Fusion images	Image and data storage					
Exportable to JPEG, BMP, GIF, PNG, TIFF, WMF EXIF, and EMF	Fully radiometric					
Voice memo recorder (voice annotation) Yes No Software Controls and adjustments Software SmartView; Full analysis and reporting software included Set-up controls Date/time, "C/F, language, emissivity, hot spot and cold spot on image Date/time, "C/F, language, emissivity, hot spot and cold spot on image Date/time, "C/F, language selection English, German, French, Spanish, Portuguese, Italian, Swedish, Finnish, Russian, Czech, Polish, Tunkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Image controls Smooth auto scaling and manual scaling On-screen indicators Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Internal rechargeable battery (included) Battery operating time 3 to 4 hours continuous operation Battery charging 2 hours with ac charger or dc car charger (charges battery while operating) AC operation AC adapter/charger Il0/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Fleative humidity	Storage medium	2 GB SD card stores up to 3000 .bmp IR	images or 1200 .IS2 IR-Fusion images			
Software Controls and adjustments	File formats supported	Exportable to JPEG, BMP, GIF, P	NG, TIFF, WMF EXIF, and EMF			
Software SmartView; Full analysis and reporting software included Set-up controls Date/time, "C/"F, language, emissivity, hot spot and cold spot on image of the cold spot on image on the cold spot on image on the cold spot on the cold spot on the cold spot on image on the cold spot on the c	(voice annotation)		No			
Set-up controls Date/time, *C/*F, language, emissivity, hot spot and cold spot on image English, German, French, Spanish, Portuguese, Italian, Swedish, Finnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Image controls Smooth auto scaling and manual scaling On-screen indicators Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Internal rechargeable battery (included) Battery operating time 3 to 4 hours continuous operation Battery charging AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IPS4 Two meter (6.5 feet) drop test Protective lens cover Yes Weight (including battery) Inager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years	Software Controls and adjustm	ents				
Language selection English, German, French, Spanish, Portuguese, Italian, Swedish, Finnish, Russian, Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese Image controls Smooth auto scaling and manual scaling On-screen indicators Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Internal rechargeable battery (included) Battery operating time 3 to 4 hours continuous operation Battery charging AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant Tyo meter (6.5 feet) drop test Protective lens cover Yes Weight (including battery) Inager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Warranty Two -years	Software					
Czech, Polish, Turkish, Simplified Chinese, Traditional Chinese, Korean, Japanese	Set-up controls	cold spot on image				
On-screen indicators Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings Power Battery type Internal rechargeable battery (included) Battery operating time 3 to 4 hours continuous operation Battery charging 2 hours with ac charger or dc car charger (charges battery while operating) AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) 1.2 kg (2.6 lbs) Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Two-years	Language selection					
Power Battery type Internal rechargeable battery (included) Battery operating time 3 to 4 hours continuous operation Battery charging 2 hours with ac charger or dc car charges battery while operating) AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years	Image controls	Smooth auto scaling	and manual scaling			
Battery type						
Battery operating time 3 to 4 hours continuous operation Battery charging 2 hours with ac charger or dc car charger (charges battery while operating) AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) 1.2 kg (2.6 lbs) Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years						
Battery charging 2 hours with ac charger or dc car charger (charges battery while operating) AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) 1.2 kg (2.6 lbs) Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years						
AC operation AC adapter/charger 110/230 V ac, 50/60 Hz Power saving Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) Inager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years						
Automatic shutdown and sleep modes (user specified) Environmental and mechanical design Operating temperature						
Deprating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Protective lens cover Weight (including battery) Inager size (HxWxD) Other Warranty Two-years	-					
Operating temperature -10 °C to +50 °C (+14 °F to +122 °F) Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) Inager size (HxWxD) Other Warranty Two-years			eep modes (user specified)			
Storage temperature -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant IP54 Two meter (6.5 feet) drop test Yes Protective lens cover Yes Weight (including battery) 1.2 kg (2.6 lbs) Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years						
Relative humidity Operating and storage 10 % to 90 %, non-condensing Water and dust resistant Two meter (6.5 feet) drop test Protective lens cover Weight (including battery) Imager size (HxWxD) Other Warranty Operating and storage 10 % to 90 %, non-condensing Yes Yes Yes 1.2 kg (2.6 lbs) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Two-years						
Water and dust resistant Two meter (6.5 feet) drop test Protective lens cover Weight (including battery) Imager size (HxWxD) Other Warranty Warranty IP54 Yes Yes Yes Yes 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Two-years						
Two meter (6.5 feet) drop test Protective lens cover Weight (including battery) Imager size (HxWxD) Other Warranty Yes Yes Yes 1.2 kg (2.6 lbs) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Two-years						
Protective lens cover Weight (including battery) Inager size (HxWxD) Other Warranty Yes 1.2 kg (2.6 lbs) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Two-years						
Weight (including battery) Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Warranty Two-years						
Imager size (HxWxD) 267 mm x 127 mm x 152 mm (10.5 in x 5.0 in x 6.0 in) Other Two-years						
Other Warranty Two-years						
Warranty Two-years	, ,	267 mm x 127 mm x 152 mm	m (10.5 in x 5.0 in x 6.0 in)			
	Other					
EN 61010-1 2nd edition and	Warranty	Two-years				
EN61326-1	EN 61010-1 2nd edition and EN61326-1	Yes				
	-					

TiR4FT, TiR3FT and TiR2FT IR FlexCam® Thermal Imagers

The experts' choice for building diagnostics

The Fluke TiR4FT, TiR3FT and TiR2FT IR FlexCam® Thermal Imagers are for professionals demanding the best and most thorough solution in building diagnostics applications

- Enhanced problem detection and analysis capabilities with patent-pending IR-Fusion® Technology – only available from Fluke.
- · View crisp, clear images on large LCD screen
- Industry leading thermal sensitivity (≤ 0.05 °C NETD on TiR4FT) (≤ 0.07 °C NETD on TiR3FT and TiR2FT) provides solid resolution and ultra high-quality images.

- Easily view around obstructions with the 180 ° articulating lens
- Exceptional image resolution delivered with 320 x 240 focal plan array and 20 mm high quality germanium lens on TiR3FT and TiR4FT models (TiR2FT available with 160 x 120 FPA)
- SmartFocus allows for easy one finger continuous focus
- Generate fast, easy customizable reports with included SmartView™ software
- Intuitive, easy to use operation with Windows CE® interface.





Fluke TiR4FT, TiR3FT and TiR2FT specifications

	_	TiR4FT	TiR3FT	TiR2FT		
Imaging performance	Thermal					
	Field of view (FOV)*	23° horizontal x 17° vertical				
	Spatial resolution (IFOV)*	1.30 mrad 2.60 mrad				
	Minimum focus distance*		0.15 m			
	Thermal sensitivity (NETD)	≤ 0.05 °C at 30 °C ≤ 0.07 °C at 30 °C				
	Detector data acquisition / Image frequency	60 Hz 30 Hz		30 Hz		
	Focus	SmartFocus; one finger continuous focus				
	IR digital zoom	2x, 4x, 8x 2x				
	Detector type	Focal Plane Array (FPA) Uncooled Microbolometer				
	Detector size	320 x 240 FPA 160 x 120 FPA				
	Spectral band	8 μm to 14 μm				
	Digital image enhancement	Automatic full-time enhanced				
	Visual					
	On camera operating modes	Full thermal, full visual light or merged thermal-visual images. Picture-in-picture. Alarm.				
	Visible light camera	1280 x 1024 pixels, full color (1.3 Mega pixel)				
	Visible light digital zoom	2x, 4x	2x, 4x 2x			
emperature measurement	Calibrated temperature range		-20 °C to 100 °C (-4 °F to 212	2 °F)		
·	Accuracy	<u>+</u>	± 2 °C or 2 % (whichever is greater)			
	Measurement modes	TiR2FT/TiR4FT - Centerpoint, center box (area min/max, average) moveable spot, TiR3FT - Centerpoint, center box (area min/max, average)				
	Emissivity correction		0.1 to 1.0 (0.01 increments	5)		
mage presentation	Digital display	5"	large high-resolution digital	display		
	LCD backlight		Sunlight readable color L	CD		
	Video output	RS170 I	EIA/NTSC or CCIR/PAL comp	osite video		
	Palettes	Grayscale, graysca	le inverted, blue red, high co	ontrast, hot metal, iron		
ptional lens	10.5 mm wide-angle lens	High precision Germanium lens				
	Field of view (FOV)	42° horizontal x 32° vertical				
	Spatial resolution (IFOV)	2.45 mrad 4.9 mrad				
	Minimum focus distance		0.3 m			
mage and data storage	Storage medium	Compact flash card stores more than 1000 IR images (512 MB card standard)				
	File formats supported	14 bit measurement of	lata included. Exportable BN	MP, GIF, JPEG, PNG, TIFF		
nterfaces and software	Interface	Compact flash card reader included				
	Software	SmartView; full analysis and reporting software included				
aser	Classification	Class II				
	Laser targeting	Laser dot visible on screen when blending thermal and visible image				
Controls and adjustments	Set-up controls	Date/time, temperature units C/F, language, calibration range, LCD intensity (high/normal/low)				
	Image controls	Level, span, auto adjust, emissivity and background (continuous/manual)				
	On-screen indicators	Battery status, target emissivity, background temperature and realtime clock				
ower	Battery type	Li-Ion smart battery, rechargeable, field-replaceable				
	Battery operating time	Two hours continuous operation				
	Battery charging	2 bay intelligent charger powered via AC outlet				
	AC operation	AC adapter 110/220 VAC, 50/60 Hz (TiR2FT/TiR4FT only)				
	Power saving	Automatic shutdown and sleep modes (user specified)				
	DC operation	Vehicle 12 volt adaptor optional				
Environmental and mechanical design	Operating temperature	-10 °C to +50 °C (14 °F to 122 °F)				
	Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)				
	Relative humidity	Operating and storage 10 % to 95 %, non-condensing				
	Water and dust resistant	IP54				
	Weight (including batteries)	1.95 kg (4.29 pounds)				
	Camera size (HxWxD)	162 mm x 262 mm x 101 mm (6.5 in x 10.5 in x 4.0 in)				
	Callicia Size (likvvkb)	Two-years				

^{*}standard 20 mm Germanium lens



AMEYA360 Components Supply Platform

Authorized Distribution Brand:

























Website:

Welcome to visit www.ameya360.com

Contact Us:

Address:

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd Minhang District, Shanghai , China

Sales:

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

Customer Service :

Email service@ameya360.com

Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com