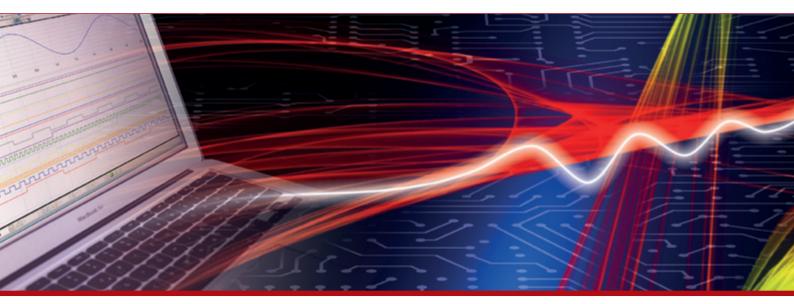


## **Product Datasheet - Technical Specifications**



More information in our Web-Shop at ▶ www.meilhaus.com

#### Your contact

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# FLIR Exx-SERIES

#### ADVANCED THERMAL IMAGING CAMERAS



#### **SPECIFICATIONS**

Model	E52	E54
IR resolution	240 × 180 pixels	320 x 240 pixels
Resolution with UltraMax®		
MSX® image enhancement	Yes: details from visual camera add depth and perspective	
Built-in visual camera	5 MP, fixed focus, with built in LED light	
Thermal sensitivity	<50 mK @ 30°C (86°F)	<40 mK @ 30°C (86°F)
Temperature range	-20°C to 120°C (-4°F to 248°F); 0°C to 550°C (32°F to 1202°F)	-20°C to 120°C (-4°F to 248°F); 0°C to 650°C (32°F to 1202°F)
Optional temperature range		
Accuracy	±2°C (±3.6°F) or ±2% of the reading	
Focus modes	Manual	
Digital zoom	1–4x continuous	
Measurement tools	3 spotmeters in live mode, 1 area meter in live mode	
Measurement presets	None, center spot, hot spot, cold spot	
	3 spots, Hot Spot-spot	
Available lenses	None (fixed lens)	
1-Touch Level/Span	Yes: automatic contrast enhancement	
Laser pointer	Yes	
Area measurement information	-	
On-camera routing software	FLIR Inspection Route™ — enabled	
On-camera report building	Voice annotation and GPS tagging to images and video; on-screen text; sketch on infrared images from touchscreen	
FLIR software integration	FLIR Thermal Studio Suite, FLIR Research Studio	
Radiometric JPEG	Yes	
IR, radiometric, visual video recording	Yes	
IR, radiometric, visual video streaming	Yes, over UVC (radiometric, non-radiometric, visual) and Wi-Fi (non-radiometric, visual)	
Communication modes	USB 2.0, Bluetooth®, Wi-Fi, DisplayPort	
Cloud services	FLIR Ignite™ for direct, secure image uploading, organizing, and sharing via Wi-Fi	
METERLINK®	Yes via Bluetooth	
Display	640 × 480 pixels (VGA) Dragontrail® touchscreen	
Drop-testing	2 m (6.6 ft)	
Battery operation time	>2.5 hours, typical use	

 $Specifications\ are\ subject\ to\ change.\ For\ the\ most\ up-to-date\ specifications,\ please\ visit\ teledyneflir.com.$ 



### THE Exx-SERIES and FLIR THERMAL STUDIO PRO

EMPOWERED WITH REPORTING SOLUTIONS TO STREAMLINE INSPECTIONS

Exx-Series cameras now come with our exclusive Inspection Route option already enabled. Combined with FLIR reporting, plug-in, and cloud options, this is thermal imaging logistics at its best.

If you regularly check the condition of a lot of equipment and components over the course of a day, FLIR Inspection Route can make your life much easier. Let your camera lead you to predefined inspection points, and collect images and data in a more structured, logical workflow.

Build your roadmap in FLIR Thermal Studio Pro software with the Route Creator plugin. Include as many inspection targets as needed and organize them for maximum efficiency. Once you export the route plan to the Exx camera, you'll be ready to go.

The predefined route guides your on-site movement to each inspection asset, automatically collecting and organizing saved images. Store them securely and keep everything in order by uploading automatically to FLIR Ignite cloud. Access images and data easily from the cloud, share them with colleagues and clients, and import findings seamlessly into FLIR Thermal Studio Pro.

By ensuring that nothing is missed and that all inspection results are organized right from the start, FLIR inspection software and firmware speeds up surveys, improves organization, and simplifies reporting for more effective and efficient critical decision-making.

