

Product Datasheet - Technical Specifications



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

Your contact

Technical and commercial sales, price information,
quotations, demo/test equipment, consulting:

Tel.: **+49 - (0)81 41 - 52 71-0**

FAX: **+49 - (0)81 41 - 52 71-129**

E-Mail: sales@meilhaus.com

Meilhaus Electronic GmbH
Am Sonnenlicht 2
82239 Alling/Germany

Tel. **+49 - (0)81 41 - 52 71-0**
Fax **+49 - (0)81 41 - 52 71-129**
E-Mail sales@meilhaus.com

Mentioned company and product names may be registered trademarks of the respective companies. Errors and omissions excepted. © Meilhaus Electronic.



FLIR Exx-SERIES

ADVANCED THERMAL IMAGING CAMERAS

SPECIFICATIONS

Model	E54
IR resolution	320 x 240 pixels
Resolution with UltraMax® enhancement	—
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	<40 mK @ 30°C (86°F)
Temperature range	-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)
Lens identification	—
1-Touch Level/Span	Yes: automatic contrast enhancement
Laser pointer	Yes
Laser distance meter	—
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 (firmware update required for models purchased prior to 2022)
METERLiNK®	Yes via Bluetooth
Display	640 x 480 pixels (VGA) Dragontrail® touchscreen
Drop-testing	2 m (6.6 ft)
Battery operation time	>2.5 hours, typical use

*Hot spot to center spot Delta measurement

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