



DFOV - Radiometric zoom lens

# FLIR FlexView™ Dual FOV lens for Axxx/Txxx

2022 Q2/Q3



# WHY DID FLIR CREATE THE FLEXVIEW DFOV LENS?



Enhanced Value for Txxx &  
Axxx customers



Increased Accuracy &  
Efficiency over single lens  
offering



Improved workflow & Safety



# FLEXVIEW DFOV LENS

For Axxx & Txxx cameras

Accessory lens for Axxx and Txxx cameras,  
with user selectable 14deg FOV and 24deg  
FOV in a single compact lens design

[https://www.flir.com/products/txxxxxx\\_lens/](https://www.flir.com/products/txxxxxx_lens/)



## Two Fields of View, One lens

Two lenses in one form factor

- **Switch FOV with the push of a button**, instead of exchanging lenses in the field.
- **One lens – two FOVs**. Save time and space when carrying only one lens instead of two lenses for the same job.
- **Efficient, accurate inspections out in the field**. Less risk of missing anomalies

## Increased Efficiency & Accuracy

Stay wide to quickly detect hot spots, Zoom in to get more accurate measurements

- **Full radiometric performance and image quality**. Wide viewing context with telephoto improved temperature measurement
- **Radiometric zoom**. Put 2.8X pixels on target with the 1.7x optical radiometric zoom
- **Fast toggle**. Approximately 1 second toggle time between lenses

## Improved Workflow and Safety

Save time and the extra work associated with adding & removing lenses

- **Maintained ergonomic performance**. Only 6mm longer
- **Minimize risk of damaging equipment**. No risk of contaminating sensitive camera parts by exchanging lenses in the field
- **Personal safety**. Stay outside of arc flash zones while scanning critical assets at a safe distance.



Ordering #	Model Description	EAN	Euro MSRP
89214-0201	FLIR T865 DFOV (14° - 24°)	7332558029589	29,768.00
82510-0201	FLIR T840 DFOV (14° - 24°)	7332558029602	21,578.00
89009-0101	FLIR T560 DFOV (14° - 24°)	7332558029619	21,048.00
79308-0201	FLIR T540 DFOV (14° - 24°)	7332558029626	18,108.00
79308-0101	FLIR T530 DFOV (14° - 24°)	7332558029633	13,018.00
T300586	IR lens Dual FOV, f=17/29 mm (24°/14°)	7332558029718	3,409.00
T300587	Lens IR f=17/29mm DFOV (with bag)	7332558029725	3,409.00



# FLEXVIEW DFOV HANDHELD CUSTOMER BENEFITS

- Improved Efficiency & Accuracy
  - Wide FOV for rapid scanning to detect anomalies
  - Narrow FOV to maximize pixels on target for improved accuracy
- Simplified Workflow
  - Less weight, no need to bring extra lenses in your pack
  - Less wasted time pulling out and exchanging lenses in the field
- Safer Operation & Lower Risk
  - Narrow FOV allows Personal safety, staying outside arc flash zones
  - No risk of dropping a lens or contaminating sensitive lens and camera parts by having to change lens in dusty and wet conditions

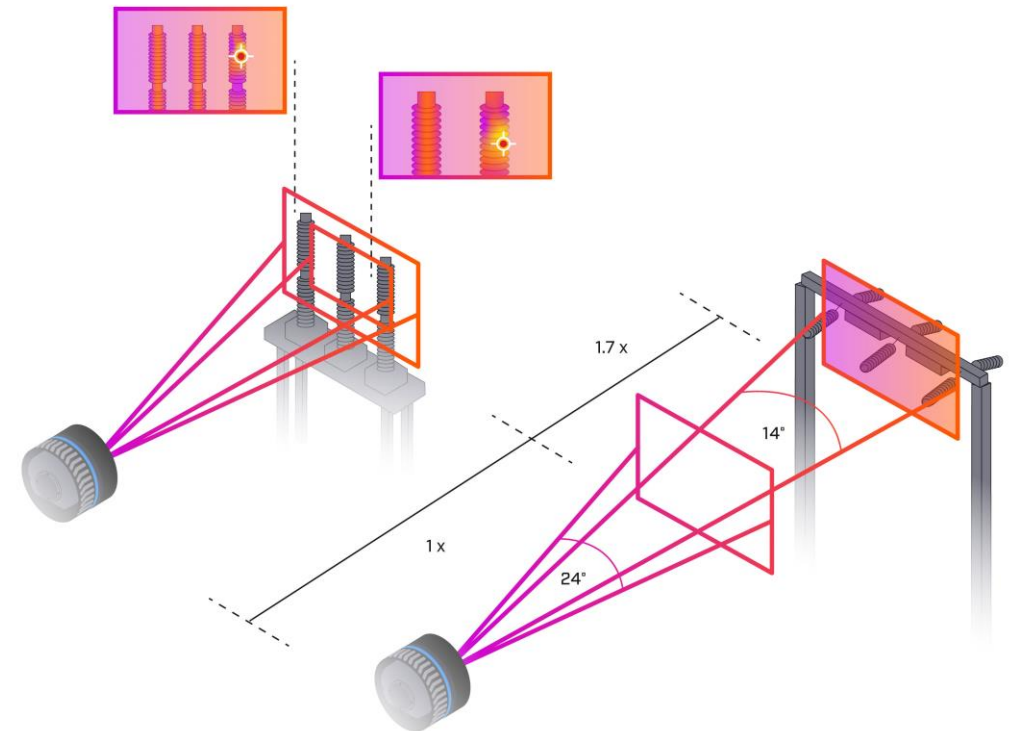




# FLEXVIEW DFOV FOR Axxx – PT Systems

## Pan/Tilt integrated Condition Monitoring using DFOV

- Capture Wide views of large targets
- Capture full target at close distances
- Capture small targets at longer distances
  - 2.8X more pixels on target means improved temperature measurement
  - Improved temperature measurement means better quality data for improved decision making



# DFOV FOR Axxx – UGVs

## FlexView for Unmanned Ground Vehicles (UGVs)

- Replicate ability of a person to change lenses in a robot where this is impossible
- Capture wide image of large targets
- Switch to narrow lens for smaller targets at longer distances with 2.8X more pixels on target for improved temperature measurement accuracy
- Improved images and temperature measurement means improved decision making





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