



ILTER
ELECTRO OPTIC

DRONE DETECTION SYSTEM





**ELECTRO OPTIC
THERMAL CAMERA**

Sensor Type	Cooled
Spectral Range	3-5 μm
Sensor Resolution	640 x 512 pixels
Pixel Size	15 μm
Optical Zoom (*)	22X
Focal Length	15 mm - 330 mm ($\pm\%10$)
Wide Horizontal FOV	35,4° $\pm\%10$
Narrow Horizontal FOV	1,6° $\pm\%10$
Digital Zoom	8X
Visual Detection Range	<ul style="list-style-type: none">• DJI Mavic Pro: < 1500 m• DJI Phantom 3/4: < 3000 m
Visual Identification Range	<ul style="list-style-type: none">• DJI Mavic Pro: < 800 m• DJI Phantom 3/4: < 1250 m



**ELECTRO OPTIC
TV CHANNELS
(DAYLIGHT)
FEATURES**

Image Features	Full HD, 1920×1080 piksel
Image Mode	Color
Focal Length	6,5 mm - 162,5 mm (±%10)
Optical Zoom	25X
Digital Zoom	12X
Wide Horizontal FOV	58,1° (±%10)
Narrow Horizontal FOV	2,3° (±%10)
Visual Detection Range	<ul style="list-style-type: none"> • DJI Mavic Pro: < 3000 m • DJI Phantom 3/4: < 4500 m
Visual Identification Range	<ul style="list-style-type: none"> • DJI Mavic Pro: < 1000 m • DJI Phantom 3/4: < 1500 m
Fog and Day/Night Mode	Included



**ELECTRO OPTIC
OTHER FEATURES**

Ultra-Low Light Channel Specifications	
Lens	Ultra low-light sensitive fixed-focus lens
Image Mode	Black-White
Horizontal FOV	14° (±%10)
Laser Rangefinder Specifications	
Wavelength	1064 nm
Minimum Measurement Distance	100 m
Maximum Measurement Distance	20.000 m
Measurement Accuracy	±5 m
General Specifications	
Power Supply	24V DC
Control and Data Interface	Ethernet
Operating Temperature	-30°C /+55°C
Protection Class	IP65

ILTER J350



ILTER J400



ILTER MRKAS



ILTER
ELECTRO OPTIC



ILTER
MOBİL



ILTER
RADAR



- User-friendly interface and touch screen
- User authorization
- Wireless connection between command and control center and İLTER
- User-friendly GUI operation
- Detailed log records
- Centralized command and control capability of multiple İLTER systems
- Update with remote connection