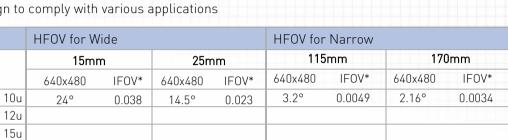
MWIR Continuous zoom - Commercial off the shelf lens

DOVE SERIES

MWIR 15-115mm, 25-170mm F/3.6 Continuous zoom Lens for 640 x 480 x 10µ cooled detectors

FEATURES / APPLICATIONS / CAPABILITIES

- Miniature, low weight lens
- Perfect for handheld or airborne payloads
- Rugged design to comply with various applications



^{*}IFOV is indicated in mrad

PARAMETER		VALUE	NOTES		
Main	Sub				

OPTICA	4L			
LENS		DOVE115	DOVE170	
Focal Length / F#		15-115mm F/3.6	25-170mm F/3.6	
Detector (FPA) type / size		Up to 640 x 480 x 10µ		
Working Spectral Range		3.6 – 4.2µ		
Optical Coatings	Internal surfaces	High efficiency AR coating		
	Front surface	High durability AR coating		DLC is available upon request
CSH		12mm		
🌣 МЕСН	ANICAL			
Focus / Zoom mechanism		Motorized		
Through zoom boresight		≤0.075mm radius at focal plane		
NFOV boresight retention		≤0.03mm radius at focal plane		
Focus Range		50m/100m - Infinity	50m/100m - Infinity	For WOFV / NFOV accordingly
Total Weight		180gr	380gr	
Ext. Dimensions ø x length (mm)		41 x 66	110 x 78	
P ELECT	RICAL			
Power Input		12VDC, 1.0 A		
Communication Protocol		RS-422/232 Full Duplex		
6 ENVIR	ONMENTAL			
Operating / Storage Temperature		-25°C to +55°C / -40°C to +70°C		
Shock and Vibrations		Per applicable standard		
Front lens sealing		IP66	IP67	
. A II I	so possinal to within LEO/			

^{*}All values are nominal: to within ±5%

