



Drone Lens

One-stop drone lens solution

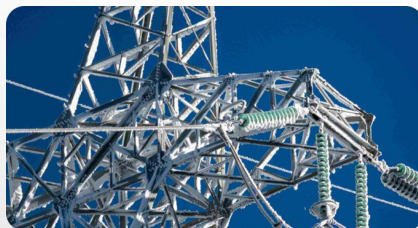


Small size, light weight inner focus lens and zoom solutions

- ◇ Navigation Lens: FOV200° , short TTL 12–15mm
- ◇ Thermal Imaging Lens: Waveleangth 8–14μm
- ◇ Night Vision Lens: Wavelength 400–1100nm



Security & Surveillance



Power Line Inspection



Agriculture

Drone Lens List

► Navigation

Wavelength 435-850nm

Model	Image Circle(mm)	Effective Focallength(mm)	DFOV(°)	Aperture(F#)	TTL(mm)	Mount
VT-LEMDR00920FE	φ2.9	f0.9mm	200°	F2.0	10mm	M12
VT-LEMDR009622FE	φ3.28	f0.96mm	220°	F2.2	12.8mm	M12
VT-LEMDR012522FE	φ3.93	f1.25mm	190°	F2.2	11.8mm	M12
VT-LEMDR009520FE	φ4	f0.95mm	200°	F2	12.89mm	M12
VT-LEMDR019322FE	φ5.6	f1.93mm	187°	F2.2	12.19mm	M12
VT-LEMDR02321FE	φ7	f2.3mm	180°	F2.1	15mm	M12

► Thermal Imaging

Model	Adaptation Detector*	Focal Length (mm) EFL	Aperture (F#)	FOV		Wavelength
				Horizontal	Vertical	
VT-LEMDR0610-TI	256*190-12um	f6mm	F1.0	29.2°	21.7°	8-12um
VT-LEMDR0710-TI	384*288-17um	f7mm	F1.0	53.3°	40°	8-12um
VT-LEMDR1010S-TI	384*288-17um	f10mm	F1.0	37.7°	28.2°	8-12um
VT-LEMDR1310S-TI	384*288-17um	f13mm	F1.0	28.4°	21.2°	8-12um
VT-LEMDR07110M-TI	640*480-17um	f7.1mm	F1.0	90.4°	66.7°	8-12um
VT-LEMDR1010M-TI	640*480-17um	f10mm	F1.0	64.2°	47.5°	8-12um
VT-LEMDR1310M-TI	640*480-17um	f13mm	F1.0	48.5°	35.7°	8-12um
VT-LEMDR07110L-TI	640*512-12um	f7.1mm	F1.0	62.5°	49.6°	8-12um
VT-LEMDR09110-TI	640*512-12um	f9.1mm	F1.0	49°	38.8°	8-12um
VT-LEMDR1310L-TI	640*512-12um	f13mm	F1.0	34.2°	27.1°	8-12um

*Contact a sales engineer for more information

► Night Vision

Wavelength 400-1100nm

Model	Image Format	Effective Focallength(mm)	DFOV(°)	Aperture(F#)	TTL(mm)	Equivalent focal length(mm)
VT-LEMDR1213-i	1"	f12mm	70.5°	F1.3	26mm	f32.5mm
VT-LEMDR16313-i	1"	f16.3mm	51.3°	F1.3	26mm	f44mm
VT-LEMDR1615-i	1.1"	f16mm	41°	F1.5	19mm	f41mm
VT-LEMDR4617-i	1.1"	f46mm	23.4°	F1.7	39mm	f120mm

► For Main Cameras

Wavelength 435-850nm

Model	Image Format	Effective Focallength(mm)	HFOV (°)	DFOV(°)	TTL(mm)	Equivalent focal length(mm)	Mount
VT-LEMDR1250-12	1/2"	f12-50mm	23.2° ~7.2°	28.3° ~8.9°	40.8mm	f65-270mm	-
VT-LEMDR13-43	4/3"	f13mm	67°	80°	59.61mm	f26mm	M12
VT-LEMDR04-118	1/1.8"	f4mm	126°	160°	25.95mm	f19.2mm	M12
VT-LEMDR08-118	1/1.8"	f8mm	53°	60°	34.4mm	f37.8mm	M12
VT-LEMDR25-118	1/1.8"	f25mm	14°	18°	25mm	f120.2mm	M12
VT-LEMDR028-123	1/2.3"	f2.8mm	97°	112°	27.69mm	f15mm	M12
VT-LEMDR054-123	1/2.3"	f5.4mm	61°	72°	24.63mm	f30mm	M12



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