



Long Range Zoom Lens

TM50Z1046HDGAIDCPN-IR
f=10-500mm
Full HD
F4.6
1/1.8"
Ultra compact telephoto zoom lens
IR correction
Defog by IR pass filter
Zoom & focus presets
Ideal for space limited applications



Model		TM50Z1046HDGAIDCPN-IR	
Image format, Resolution		1/1.8 inch, Full HD	
Mount		C	
Focal length (mm)		10-500	
Aperture range		F 4.6-360	
Zoom factor		x 50	
Focus mode		motorized; with presets	
Iris (DC auto)	Drive coil	190 Ω ± 10% (20°C). Close to open: 4.0V (20°C). Open to close 0.5V (20°C)	
	Damp coil	115 Ω ± 10% (20°C)	
F O C U S	Input voltage	DC 6 ~ 12V	
	Current consumption	30 mA or less	
	Speed (approx.)	~ 8 sec (6V)	
Z O O M	Input voltage	DC 6 ~ 12V	
	Current consumption	35 mA or less	
	Speed (approx.)	~ 6 sec (6V)	
Control type		motorized; analogue DC current (polarity switch)	
Front filter thread		M65mm P=0.75	
Build-in filter		IR Bandpassfilter (<~760nm; 800nm ±10nm T=50%; 850-950nm T=90%; <950nm T=95%)	
M.O.D. (m)		5	
Dimensions W x H x L (mm)		90 x 90 x 175.5	
Weight (gr)		1640	
Operating temperature		-10°C ~ +50°C	
Back focal length		36.5	
IR correction		Yes	
Angle of view	1/1.8"	wide	36.54° x 27.82°
		tele	0.83° x 0.63°
	1/2"	wide	32.71° x 24.82°
		tele	0.74° x 0.56°

