

Zoom-Lens Module

Parts NO. : 4T22
 Name : Z3X-5.0-1/1.8-3I-A
 Sensor size : ϕ 9.075(max) CCD
 Zoom Multiple : 3X
 Control : Zooming、AF、M-Shutter
 Out size :
 H : 51mm
 W : 35.4mm
 L : 27.5mm(Close)~50.32mm(T/W)
 (Without View Finder)
 L : 32.4mm(Close)~55.22mm(T/W)
 (With View Finder)



Sensor	CCD Size	For 1/1.8" CCD
	Image Diagonal	ϕ 9.07 mm max
	Pixels	5Mega Pixels(Min)
Optics	Exit Puple	-20 mm 以下
	Focus Distance(Normal)	0.30 m ~ ∞ (Continuous)
	Focus Distance(Macro)	3cm~30cm (From Barrier cover) Widle Only
	f	7.3~ 21.9mm
	Fno.	Open:W = F/2.8,T= F/4.9
	Lens Elements	7 Elements 6 Groups
	Zoom	3X
	Zoom Point	Continuous Position
	Distortion (inf)	-5 % ~-1.3 % (TV \pm 3%)
	Illumination (inf)	83% min(at Imagine 0.35h);66 % min(at Imagine 0.45h)
	Resolution	Center(200 lp/mm),0.7Circle(160 lp/mm) <the best whole balance>
TV- Resolution (Option)		
Low Pass Filter (Option)		
View Finder Unit	Type	Real Image 3X Zoom Finder
	Field Coverage(3m)	> 80%
	Axial Accommodation	- 1 \pm 1 Diopter
	Distortion (inf)	-5 %~+3%
	Magnification	Wide Begin 0.36 \pm 0.04X,Tele Begin 1.0 \pm 0.1X(at 35m m Format)
	Eye Point	15mm
	Distance	0.3m~ ∞
	Aperture	Open : ϕ 6、Midl: ϕ 3.35: Small Hole : ϕ 2.45
	Shutter Speed	Open : 1/1000(sec) ; Midle : 1/2000(sec) ; Small Hole : 1/2000(sec)
	Shutter Driver/Iris Driver	Step Motor (156m A at 2 Phase Power Turn On V=2.8V)
Focus Driver	Step Motor (190m A at 2 Phase Power Turn On V=2.8V)	
Electrical Interfaces	Zoom Driver	DC Motor (3V)
	I/F-CCD (Option)	Fiber Print Circuit
	I/F-Motor FPC	Fiber Print Circuit