



TOKINA & HUNT LENS

FEATURES

All kinds of Tokina lens
Fixed Hunt board lens
Reasonable price

PRICE 2-9PCS	PRICE 1 PC	ITEMS	Focal Length (mm)	Aperture (F)	Operation			Remark
					Iris	Focus	Zoom	
£30.00	£32.00	TC2814	2.8	1.4	Manual	Manual		Tokina Brand
£21.00	£23.00	TC0412	4.0	1.2				
£23.00	£25.00	TC0614	6.0	1.4				
£21.00	£23.00	TC0812	8.0	1.2				
£22.00	£24.00	TC1214	12.0	1.4				
£39.00	£41.00	TC2814DC	2.8	1.4	Direct Drive	Manual		
£32.00	£34.00	TC0412DC	4.0	1.2				
£36.00	£28.00	TC0614DC	6.0	1.4				
£34.00	£36.00	TC0812DC	8.0	1.2				
£38.00	£40.00	TC1214DC	12.0	1.4				
£49.00	£51.00	TC2814AI	2.8	1.4	Auto	Manual		
£42.00	£42.00	TC0412AI	4.0	1.2				
£42.00	£45.00	TC0614AI	6.0	1.4				
£37.00	£39.00	TC0812AI	8.0	1.2				
£42.00	£45.00	TC1214AI	12.0	1.4				
£29.00	£31.00	TVR3314	3.3-8	1.4	Manual	Manual	2.4X	Economical Type
£37.00	£40.00	TVR0614	6-15	1.4			2.5X	
£42.00	£43.00	TVR0616	6-60	1.6			10X	
£36.00	£38.00	TVR3314DC	3.3-8	1.4	Direct Driven	Manual	2.4X	
£49.00	£52.00	TVR0614DC	6-15	1.4			2.5X	
£56.00	£59.00	TVR0616DC	6-60	1.6			10X	
£40.00	£42.00	TVR3314AI	3.3-8	1.4			2.4X	
£59.00	£62.00	TVR0614AI	6-15	1.4			2.5X	
£65.00	£69.00	TVR0616AI	6-60	1.6			10X	
£ 8.00	£ 8.50	HTL-F3M020	3.6	2.0	Fixed	Manual		
£ 8.00	£ 8.50	HTL-F4M020	4.0	2.0				
£ 8.00	£ 8.50	HTL-F6M020	6.0	2.0				
£ 8.00	£ 8.50	HTL-F8M020	8.0	2.0				
£ 8.00	£ 8.50	HTL-F12M020	12.0	2.0				

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Angle of View for Lens

Focal (f)	Aperture (F)	Diagonal Angle of View		Horizontal Angle of View		Vertical Angle of View	
		1/4"	1/3"	1/4"	1/3"	1/4"	1/3"
2.5mm	2.0	112	150	90	120	67	90
2.9mm	2.0	97	130	78	104	58	78
3.6mm	2.0	69	93	55	74	42	56
3.7mm*	2.0	65	85	51	67	40	53
3.7mm^	3.5	65	85	51	67	40	53
4.3mm	2.0	58	78	46	62	35	47
6.0mm	1.8	39	53	31	42	24	32
8.0mm	2.0	30	40	24	32	18	24
12.0mm	2.0	21	28	17	23	13	17
25.0mm	2.5	10	13	8	11	6	8

* Corn type pinhole ^ Flat pin hole

(This data is for reference only; the actual angle of view may be slightly different.)

HTC-17 SERIES SMOKE DETECTOR CAMERA

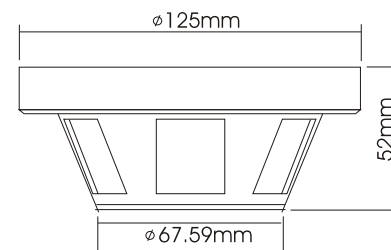


FEATURES

Up to 2 Built-in Cameras inside
Auto Electronic Shutter
420 TV lines for B/W camera
380 TV lines for Color camera
DC type, low power consumption
Night vision available

	MONOCHROME	COLOR
Pick-up Device	1/3" CCD image Sensor	1/4" CCD image Sensor
Picture Elements	NTSC/EIA :512 * 492, PAL/CCIR : 512 * 582	
H. Sync Frequency	NTSC/EIA : 15.734 KHz, PAL/CCIR : 15.625 KHz	
V. Sync. Frequency	NTSC/EIA : 59.94 Hz, PAL/CCIR : 50 Hz	
Synchronization	Internal	
Horizontal Resolution (TV lines)	420	380
Sensitivity	0.1Lux	1 Lux
Back Light Compensation	Auto	
Electronic Shutter	Auto, Range:1/50(1/60) ~ 1/100,000 sec.	
Gain Control	Auto	
Lens (F2.0)	3.7mm corn type standard, 3.7mm F3.5 pin hole for bottom side	
Gamma Correction	0.45	
S/N Ratio	More than 48 dB (AGC OFF)	
Video Output	1 Vp-p, 75 Ohms	
Dimension		
Power Supply	12VDC	
Power Consumption	110mA for 1 camera	180mA for 1 camera
Storage Temperature	-30°C ~ +60°C	
Operating Temperature	-10°C ~ +45°C	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



Model	Image	B/W	Color	Chips	Audio
HTC-171	1/3"	○		Samsung	○
HTC-173	1/3"	○		Sony	
HTC-17F	1/4"		○	Sony	
HTC-17N	1/4"		○	Sharp	○

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MODEL	DESCRIPTION
HTC-171/1	1/3" med-res. B/W smoke detector camera, 3.7mm corn type pinhole lens, 420 TV lines, 0.1 Lux, DC12V, Samsung chips, 1 camera inside
HTC-171/2	1/3" med-res. B/W smoke detector camera, 3.7mm corn type pinhole lens, 420 TV lines, 0.1 Lux, DC12V, Samsung chips, 2 cameras inside
HTC-17F/1	1/4" med-res. colour smoke detector camera, 3.7mm corn type pinhole lens, 380 TV Lines, 1 Lux, DC12V, Sony chips, 1 camera inside
HTC-17F/2	1/4" med-res. colour smoke detector camera, 3.7mm corn type pinhole lens, 380 TV Lines, 1 Lux, DC12V, Sony chips, 2 cameras inside

Remark

- (1) The standard lens : 3.7mm F2.0 corn type pinhole lens
- (2) Optional lens : 6.0mm/8.0mm/12.0mm
- (3) 3.7mm pinhole lens is used for the PCB build in bottom side