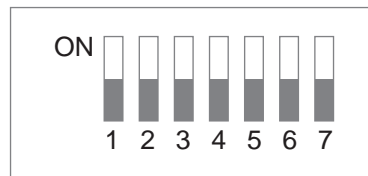
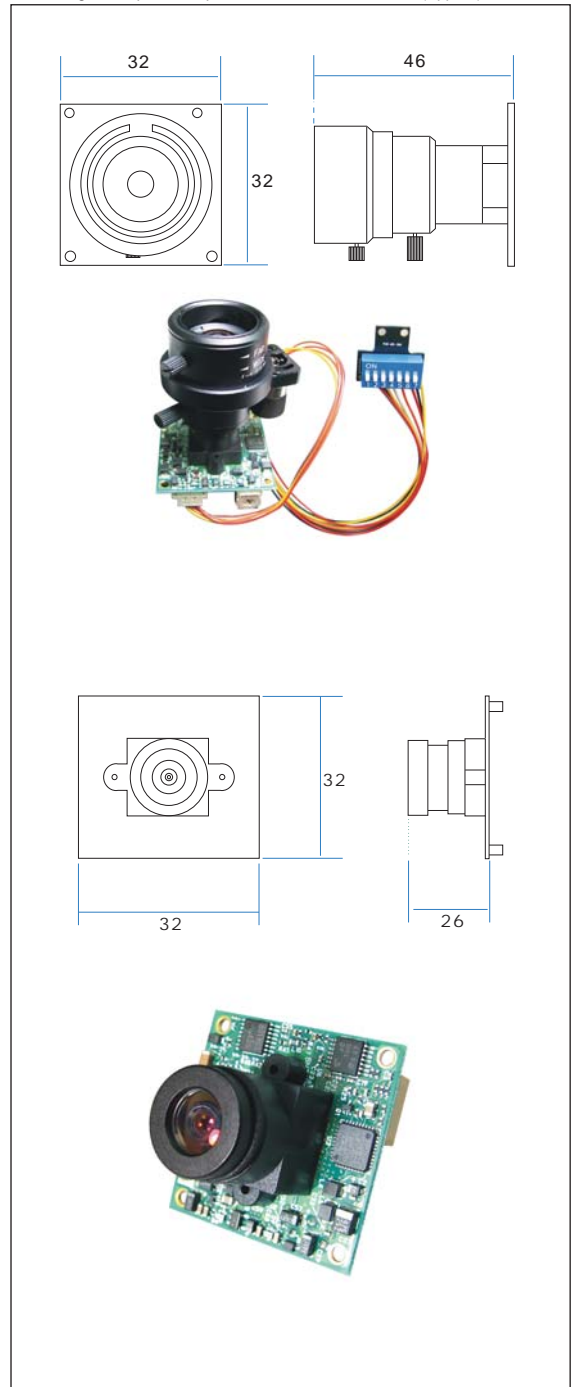


Other angle lens please inquire for details. Unit: mm (Approx)

Model	MS-1632		MS-1332
Video system	NTSC / PAL(COLOR)		
Number of effective pixels	NTSC(EIA)	768 x 494	510 x 492
	PAL(CCIR)	752 x 582	500 x 582
Image sensor	1/3" Interline CCD		
Resolution(TV Lines)	COLOR	520	370
	B/W	/	/
S/N Ratio	more than 50dB		
AGC control	more than +27dB		
Minimum illumination	0.25LUX		
Electronic shutter	1/50 - 1/120,000		
Horizontal sync frequency	NTSC(EIA)-15.734kHz / PAL(CCIR)-15.625kHz		
Vertical sync frequency	NTCS(EIA)-60Hz / PAL(CCIR)-50Hz		
Camera consumption	0.45		
Video output	1Vp-p , 75ohm composite		
Audio output	Frequency 20-16,000Hz , S/N ratio more than 58 SPL (at1000Hz)(specify when ordering)		
Working temperature	-10°C ~ +45°C		
Storage temperature	-20°C ~ +65°C		
Power source	DC 12V(Standard)		
Power current	100 mA(normal lens)	90 mA(normal lens)	
	160 mA( vari-focal lens)	150 mA( vari-focal lens)	
Dimension (mm)	Board:32x32		

Model	Lens	Lens type	TV lines
MS-1332KJE	2.6-6.0mm	D.D IRIS	380 TV Line
MS-1332VJE	4.0-9.0mm	D.D IRIS	
MS-1332VJE	4.0-9.0mm	Manual IRIS	
MS-1332VBE	2.6-6.0mm	Manual IRIS	
MS-1332GE	3.6mm/ F2.0	Board Lens	520 TV Line
MS-1632KJE	2.6-6.0mm	D.D IRIS	
MS-1632VJE	4.0-9.0mm	D.D IRIS	
MS-1632VJE	4.0-9.0mm	Manual IRIS	
MS-1632VBE	2.6-6.0mm	Manual IRIS	
MS-1632GE	3.6mm/ F2.0	Board Lens	



SW Function Logic		
JP1 Function SW		ON
1. F1 (ELC / ALC)	ELC	ALC
2. F2 (AGC ON / OFF)	ON (AUTO)	OFF
3. F3 (ATW / AWB )	ATW	AWB
4. F4 (BLC OFF / ON)	OFF	ON
5. F5 (H-Mirror OFF / ON)	OFF	ON
6. F6 (V-Mirror OFF / ON)	OFF	ON
7. F7 (Sense UP AUTO / OFF)	AUTO	OFF

SenseUP AUTO 0.25 LUX F1.4 20 IRE(Frame Integration X 8 )  
SenseUP OFF 3 LUX F1.4 20 IRE

**Feature**

- High Quality picture.
- Compact size.
- Mirror function: ordering in advance.
- Backlight compensation.
- Auto white balance.
- Equipping Electronics-Auto-Iris.
- High performance.
- Competitive price.
- Exchange for any kind of lens.
- High speed white balance mode (1Fild)
- Outatanding Quality.