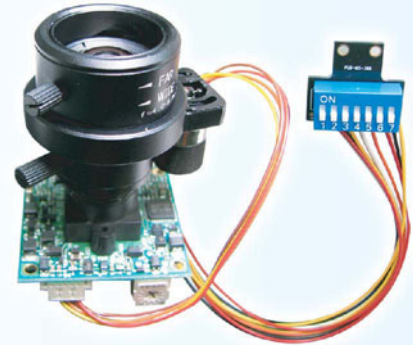


### Specification

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		NTSC(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(at 1000Hz)(Ordering in advance)	
Power source		DC 12V(Standard)	
Power current		160 mA	
Dimension (mm)		Board:32x32	

### Board CCD Camera

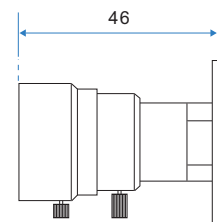
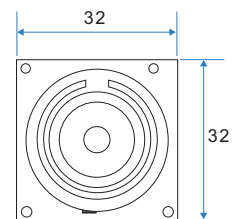


MS-1332P

### Ordering Information

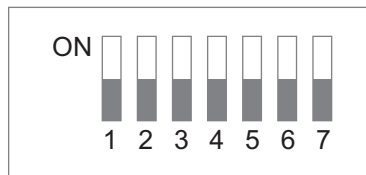
MODEL	LENS	TV Lines	Switch set
MS-1332KJE	4.0 ~ 9.0 mm	380 TV Line	D.D IRIS
MS-1332KBE	2.6 ~ 6.0 mm		D.D IRIS
MS-1332VJE	4.0 ~ 9.0 mm		Manual IRIS
MS-1332VBE	2.6 ~ 6.0 mm		Manual IRIS
MS-1632KJE	4.0 ~ 9.0 mm	520 TV Line	D.D IRIS
MS-1632KBE	2.6 ~ 6.0 mm		D.D IRIS
MS-1632VJE	4.0 ~ 9.0 mm		Manual IRIS
MS-1632VBE	2.6 ~ 6.0 mm		Manual IRIS

### Dimensions



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

### Ordering Information



#### SW Function Logic

JP1 Function SW		ON
1. F1 (ELC / ALC)	ELC	ALC
2. F2 (AGC ON / OFF)	ON (AUTO)	OFF
3. F3 (ATW / AWG)	ATW	AWC
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.