



5MP HD Analog Miniature

3 in 1 Mini Square Camera

# MS5330P Series

**HD-TVI/AHD/CVBS 3-in-1  
Mini Square Camera with Pinhole Lens**

- 30 x 30mm Super Mini Size
- 5MP CMOS Sensor
- Convertible between 5MP/4MP in OSD Menu
- 5MP (4:3 Ratio) TVI, AHD, CVBS(950TVL)
- 4MP (16:9 Ratio) TVI, AHD, CVI(2MP), CVBS(950TVL)
- TVI/AHD/CVI/CVBS Selectable by Built in OSD (Pre-program up on request)
- 3.7mm Pinhole Lens (Flat or Super-cone)
- Color : 0.5Lux, B/W : 0.1Lux
- D-WDR, 3D DNR, UTC Function
- DC12V

## Order Information

MS5330P1	3.7mm Flat Pinhole
MS5330P2	3.7mm Super-cone Pinhole



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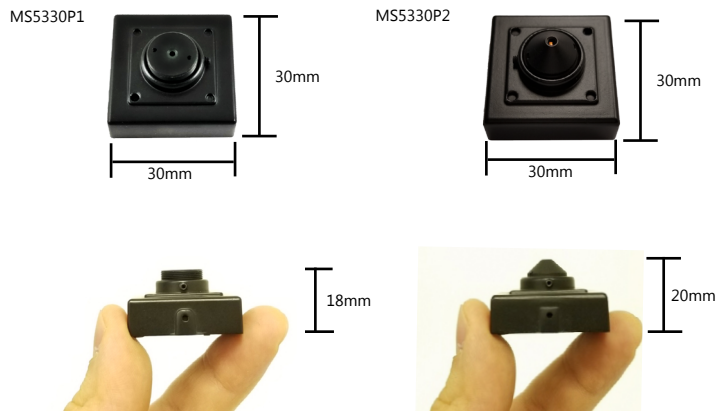
### Built-in OSD Operation



\*Pre-program up on request

Push the Joystick to RIGHT for 5sec : AHD  
 Push the Joystick to LEFT for 5sec : CVBS  
 Push the Joystick to UP for 5sec : CVI  
 Push the Joystick to DOWN for 5sec : TVI

### General Feature Diagram (mm)



### Technical Specification

Specification		NTSC / PAL
Image Device		1/2.7" inch, 5 Megapixel CMOS
Active Pixels		2688(H) x 1944(V)
Scanning System		Progressive
Resolution		TVI, AHD: 4MP(1440P, 16:9 Ratio), 5MP(1920P, 4:3 Ratio) / CVBS: 950TVL (Under 4MP Setting) / CVI: 1080P (Under 4MP Setting)
S/N Ratio		More than 50dB
Video Output		HD-TVI/AHD/CVI/CVBS (Pre-program up on Request)
		Selectable Output Signal by Built in OSD
		LEFT: CVBS / RIGHT: AHD / UP: HD-CVI / DOWN: HD-TVI (Holding 5sec each Direction)
Minimum Illumination		COLOR: 0.5Lux / BW: 0.1Lux
OSD Functions	White Balance	ATW/ AWC-SET
	Exposure	DC / MANUAL
	Shutter Speed	AUTO/FLK, NTSC :1/30 ~1/50,000sec / PAL :1/25 ~1/50,000sec
	Sens-up	AUTO(x6) / x2, x4, x6, x8, x10, x15, x20, x25, x30
	Backlight Compensation	OFF/BLC
	Privacy Masking	4 Zone
	Day & Night	AUTO / COLOR / BW / EXT
	Motion Detection	OFF / ON
	2D-DNR	OFF / LOW / MIDDLE / HIGH
	3D-DNR	OFF / LOW / MIDDLE / HIGH
	Digital Effect	OFF / MIRROR / V-FLIP / ROTATE
	RT/NRT	ON / OFF
	Image Enhancement	D-WDR
	Language	ENG/CHN1/CHN2/GER/FRA/ITA/SPA/POL/RUS/POR/NED/TUR/JPN
Power Input / Consumption		DC 12V (±30%) / 1.2W
Operation / Storage Temp.		14°F ~ 122°F / -4°F ~ 140°F (-10°C ~ 50°C / -20°C ~ 60°C)
Dimension(mm)		30 x 30 (mm)
Cable		Standard 500mm BNC/DC Jack



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