



HD Analog Miniature

4 in 1 Mini Square Camera

# MS430-F Series

HD-TVI/HD-CVI/AHD/CVBS 4-in-1  
Mini Square Camera with Board Lens

- 30 x 30mm Super Mini Size
- 2MP Sony Exmor CMOS Sensor
- TVI/AHD/CVI/CVBS Selectable by Built in OSD (Pre-program up on request)
- 3MP Mega Lens (Lens options are available)
- Ultra Low Light Color Camera
- Color : 0.08Lux, B/W : 0.008Lux
- Sens-up : Color 0.008Lux, B/W : 0.0008Lux
- D-WDR, 3D DNR
- UTC Function
- DC12V
- Made In Korea
- NDAA Compliant

### Order Information

MS430-F2.1	2.1mm
MS430-F2.5	2.5mm
MS430-F2.8	2.8mm
MS430-F3.6	3.6mm
MS430-F6	6.0mm
MS430-F8	8.0mm
MS430-F12	12.0mm
MS430-F16	16.0mm
MS430-F25	25.0mm

\*We can customize with other lens options up on request



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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		1/2.9 inch 2 MP Sony Exmor CMOS
Total Pixels / Active Pixels		2001(H) x 1121(V) / 1936(H) x 1097(V)
Scanning System		Progressive
Resolution		TVI, CVI, AHD: 1080P / CVBS:(1280H)_1000TVL
S/N Ratio		More than 52dB (AGC Off)
Video Output		HD-TVI/HD-CVI/AHD/CVBS
		Selectable Output Signal by OSD Key
		LEFT: CVBS / RIGHT: AHD / DOWN: HD-TVI / UP: HD-CVI (Holding 5sec each Direction)
Minimum Illumination (F1.2, 30IRE)		COLOR: 0.08Lux / BW: 0.008Lux
		COLOR SENS-UP: 0.008Lux / BW SENS-UP: 0.0008Lux
OSD Functions	White Balance	ATW / AWC-SET / INDOOR / OUTDOOR / MANUAL / AWB
	Exposure	MANUAL
	Shutter Speed	AUTO/FLK, 1/30(25) - 1/50000 sec
	Sens-up	AUTO(x4) / x2, x4, x6, x8, x10, x15, x20, x25, x30
	Backlight Compensation	BLC / HSBLC
	Privacy Masking	4 Zone
	Day & Night	AUTO / COLOR / BW / EXT
	Motion Detection	OFF / ON
	2DNR	OFF / LOW / MIDDLE / HIGH
	3DNR	OFF / LOW / MIDDLE / HIGH
	Digital Effect	OFF / MIRROR / V-FLIP / ROTATE & FREEZE
	Sharpness / Defog	Adjustable / ON, OFF
	Image Enhancement	D-WDR
	Language	ENG/CHN1/CHN2/GER/FRA/ITA/SPA/POL/RUS/POR/NED/TUR
Power Input / Consumption		DC 12V (±30%), 100mA
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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