



HD Analog Miniature

4 in 1 Module Camera

MD432-F Series

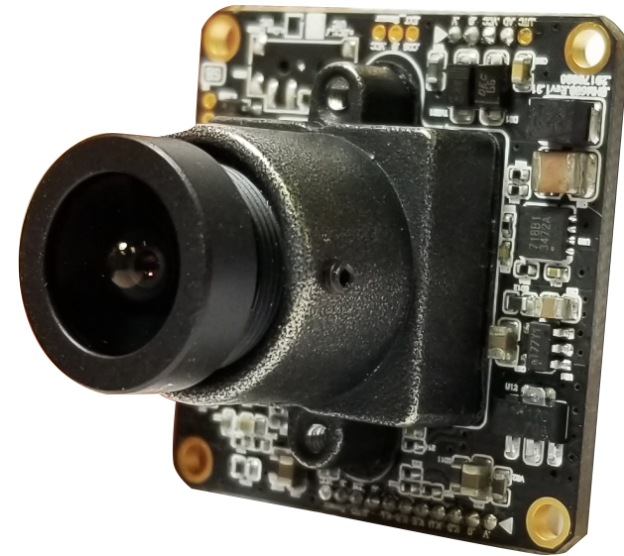
HD-TVI/HD-CVI/AHD/CVBS 4-in-1
Module with Board Lens

- 32 x 32mm Super Mini Size
- 2MP Sony Exmor CMOS Sensor
- TVI/AHD/CVI/CVBS Selectable by Optional 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

MD432-F2.1	2.1mm
MD432-F2.5	2.5mm
MD432-F2.8	2.8mm
MD432-F3.6	3.6mm
MD432-F6	6.0mm
MD432-F8	8.0mm
MD432-F12	12.0mm
MD432-F16	16.0mm
MD432-F25	25.0mm

*We can customize with other lens options up on request



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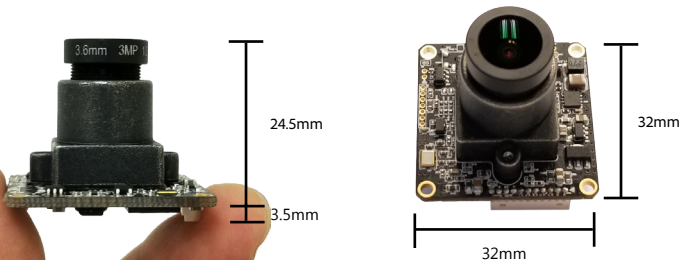
Optional OSD Operation



*Pre-program up on request

Press RIGHT Key for 5sec : AHD
 Press LEFT Key for 5sec : CVBS
 Press UP Key for 5sec : CVI
 Press DOWN Key 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 (Pre-program up on Request)
		Selectable Output Signal by Optimal OSD Controller
		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) - 1/50,000 sec
	Sens-up	AUTO(x6) / x2, x4, x6, x8, x10, x15, x20, x25, x30
	Backlight Compensation	OFF/ BLC / HSBLC
	Privacy Masking	4 Zone
	Day & Night	AUTO / COLOR / BW / EXT
	Motion Detection	OFF / ON
	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	
Operation / Storage Temp.		14°F ~ 122°F / -4°F ~ 140°F (-10°C ~ 50°C / -20°C ~ 60°C)
Dimension(mm)		32 x 32 (mm)
Cable		Standard 500mm BNC/DC Jack



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