



## HD Analog Miniature

4 in 1 Mini Square Camera

# MS425F Series

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

- 25 x 25mm 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

### Optional 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

Image Device	Specification
Image Device	NTSC / PAL
Total Pixels / Active Pixels	1/2.9 inch 2 MP Sony Exmor CMOS 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) HD-TVI/HD-CVI/AHD/CVBS
Video Output	Selectable Output Signal by Optional 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
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)	25 x 25 (mm)
Cable	Standard 500mm BNC/DC Jack



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