



HD Analog Miniature

4 in 1 Mini Square Camera

MS430F 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

Order Information

| | |
|-----------|--------|
| MS430F245 | 2.45mm |
| MS430F3 | 2.8mm |
| MS430F4 | 3.6mm |
| MS430F6 | 6mm |
| MS430F8 | 8mm |
| MS430F12 | 12mm |

*We can customize with other lens options up on request



Infinite Pixels Electronic USA Inc.
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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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