



HD Analog Miniature

4 in 1 Module Camera

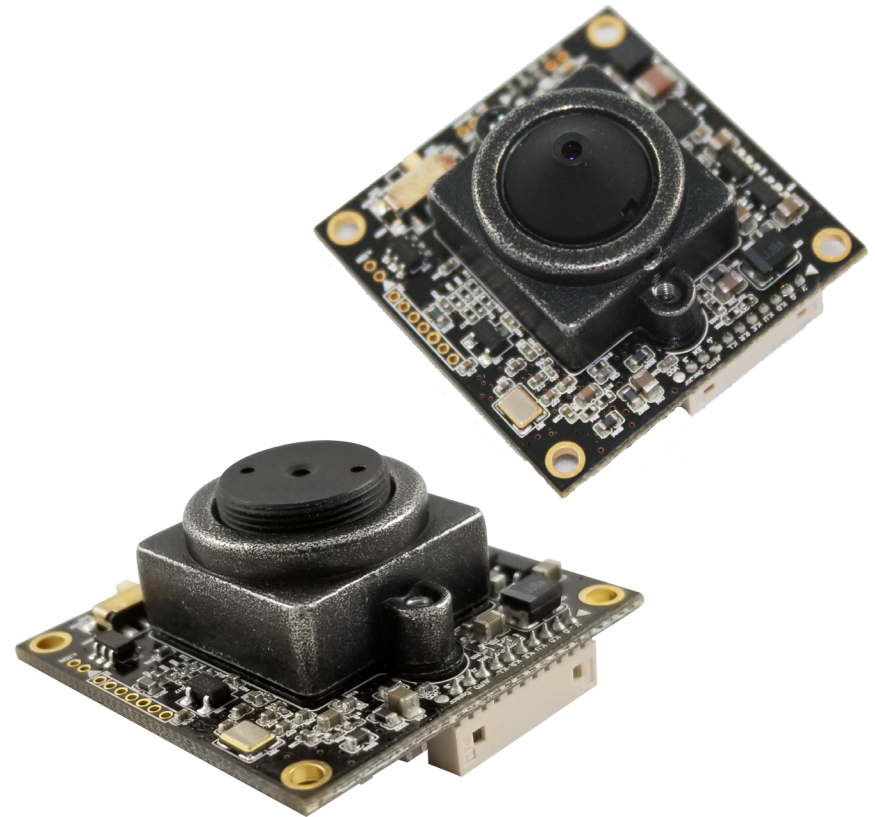
# MD432-P Series

HD-TVI/HD-CVI/AHD/CVBS 4-in-1  
Module with Pinhole 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 3.7mm Pinhole Lens (Supercone or Flat)
- 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-P1 3.7mm Flat Pinhole  
MD432-P2 3.7mm Supercone Pinhole



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### Optional OSD Operation

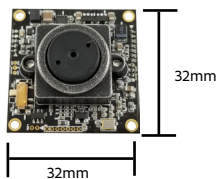


\*Pre-program up on request

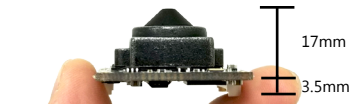
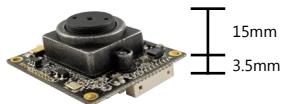
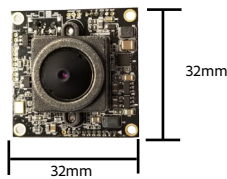
Press RIGHT Key for 5sec : AHD  
 Press LEFT Key for 5sec : CVBS  
 Press UP Key for 5sec : CVI  
 Press DOWN Key for 5sec : TVI

### General Feature Diagram (mm)

\*MD432P1



\*MD432P2



### 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 Optinal 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          |                        | 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)                      |                        | 32 x 32 (mm)  |
| Cable                              |                        | Standard 500mm BNC/DC Jack  |



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