



**4IN1SYSTEM**   
AHD TVI CVI ANALOG SUPPORT



**AHD 55SERIES**  
5Megapixel AHD Camera

**5M PIXEL**  **HD**  
CAMERA SERIES





## Feature

- 1/2.5" CMOS Sensor
- 5.0 Pixels (2592x1920), 4MP, 2MP
- 4-in-1(AHD/TVI/CVI/CVBS)
- Min. Illumination 0.1 lux
- IR array 4 pcs / IR Distance 50M.
- Lens 3.6mm. / Surge Protection Level 2KV
- OSD Menu (D-WDR/2-DNR)
- Support COC / UTC
- Ingress Protection IP66

## Specification

| Model                      |                                                                                                                                                                                        | HA-594B50 |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Image Sensor               | 1/2.5" CMOS Sensor                                                                                                                                                                     |           |
| DSP                        | Fulhan FH8538M                                                                                                                                                                         |           |
| Pixels                     | 5.0 Pixels (2592x1920), 4MP, 2MP                                                                                                                                                       |           |
| Video System Output        | 4-in-1(AHD/TVI/CVI/CVBS)                                                                                                                                                               |           |
| Video Output Mode          | AHD: 5MP@12.5, 5MP@20, 4MP@25,4MP@30, 4MP@15,1080P@25, 1080P@30<br>TVI: 5MP@12.5, 5MP@20, 4MP@25,4MP@30, 4MP@15,1080P@25, 1080P@30<br>CVI: 4MP@25, 4MP@30, 1080P@25, 1080P@30<br>CVBS" |           |
| Min. Illumination          | 0.1lux full color                                                                                                                                                                      |           |
| Shutter Speed              | 1/25s-1/100,000s                                                                                                                                                                       |           |
| Automatic Gain Control     | Support AGC                                                                                                                                                                            |           |
| Day&Night                  | EXT, AUTO, COLOR, B/W                                                                                                                                                                  |           |
| Digital Wide Dynamic Range | Support DWDR                                                                                                                                                                           |           |
| Exposure Mode              | Groble, center, BLC, FLC                                                                                                                                                               |           |
| White Balance              | Support ATW, MWB, Gray World                                                                                                                                                           |           |
| Digital Noise Reduction    | Support 2DNR                                                                                                                                                                           |           |
| Imgae Adjustment           | Support brightness, contrast, sharpness, saturation, mirror (H,V,HV,)                                                                                                                  |           |
| S/N Ratio                  | >58dB.                                                                                                                                                                                 |           |
| Signal System              | PAL/NTSC                                                                                                                                                                               |           |
| Lens                       |                                                                                                                                                                                        |           |
| Mount Type                 | M12                                                                                                                                                                                    |           |
| Auto Iris                  | Auto Electric Iris                                                                                                                                                                     |           |
| Focal Length               | 3.6mm./F2.0                                                                                                                                                                            |           |
| Focus Mode                 | Manual                                                                                                                                                                                 |           |
| Angle of View              | 85°                                                                                                                                                                                    |           |
| Infrared                   |                                                                                                                                                                                        |           |
| IR LED                     | IR array 4 Pcs.                                                                                                                                                                        |           |
| IR Distance                | 50M.                                                                                                                                                                                   |           |
| IR Intensive               | Support IR Smart                                                                                                                                                                       |           |
| IR CUT                     | Support DAY&NIGHT                                                                                                                                                                      |           |
| User Interface             |                                                                                                                                                                                        |           |
| OSD Menu                   | Support (OSD Cable, Auto close OSD menu)                                                                                                                                               |           |
| OSD Language               | Support                                                                                                                                                                                |           |
| Control Over Coax (COC)    | Support COC/UTC                                                                                                                                                                        |           |
| Electrical                 |                                                                                                                                                                                        |           |
| Power                      | DC Jack 12V.+~10%                                                                                                                                                                      |           |
| Power Consumption          | IR off 1-1.2W. / IR On 8-11W.                                                                                                                                                          |           |
| Environmental              |                                                                                                                                                                                        |           |
| Operating Temperature      | -30℃--+60℃                                                                                                                                                                             |           |
| StorageTemperature         | -30℃--+50℃                                                                                                                                                                             |           |
| Working Humidity           | 10%-90% RH                                                                                                                                                                             |           |
| Lighting Protection        | Power(600W)/Video(2KV)                                                                                                                                                                 |           |
| Surge Protection Level     | 2KV                                                                                                                                                                                    |           |
| Ingress Protection         | IP66                                                                                                                                                                                   |           |
| Hardware Interface         |                                                                                                                                                                                        |           |
| Video Output               | BNC x1 (Femal 1.0Vp-p at 75Ω)                                                                                                                                                          |           |
| Power Input                | DC Jack x1 (DC12V)                                                                                                                                                                     |           |
| Mechanical                 |                                                                                                                                                                                        |           |
| Case Material              | Aluminum Build-in Bracket                                                                                                                                                              |           |
| Weight                     | 603g                                                                                                                                                                                   |           |
| Dimension                  | 188x75x102mm                                                                                                                                                                           |           |

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