

## 500 Series



| MODEL                 | 22 x 22mm Series  | 25 x 25mm Series              |
|-----------------------|---|-------------------------------|
| Image Device          | 1/3" B/W SONY 1/3" SUPER HAD CCD (SONY1/3 EXVIEW CCD)   |                               |
| Signal System         | EIA 60Hz  | CCIR 50Hz                     |
| Effective Pixels      | EIA 510(H) x 492(V)   | CCIR 500(H) x 582(V)          |
| Sync. System          | Internal  |                               |
| H. Resolution         | 420TV Lines ( High Resolution version 600TV Lines)  |                               |
| Sensitivity           | 0.05Lux @ F2.0/30 IRE, 0.02Lux @ F2.0/30IRE, 0.0003Lux@ F1.2/30 IRE   |                               |
| S / N Ratio           | More than 50dB (AGC Off)  |                               |
| Gamma Correction      | $\gamma = 0.45$   |                               |
| Video Output          | Composite 1 [Vp-p] 75( $\Omega$ ) unbalanced  |                               |
| Electronic Shutter    | EIA 1/60 ~ 1/100,000sec Auto  | CCIR 1/50 ~ 1/100,000sec Auto |
| Current Consumption   | 120mA or less   |                               |
| Power Supply          | DC 12V ( $\pm 10\%$ )   |                               |
| Operating Temperature | -10° C ~ + 50° C  |                               |
| Storage Temperature   | -30° C ~ + 60° C  |                               |
| Dimensions            | 22(h) x 22(v) mm  | 25(h) x 25(v) mm              |
| Connection            | 3 or 4 pin W/200mm wire   |                               |
| Lens Options          | <ul style="list-style-type: none"> <li>• Board Lenses: F 2.45, 2.97, 3.6, 6, 8, 12mm</li> <li>• Pinhole Lenses: F 3.7, 4.3, 5.0mm.....</li> </ul> |                               |

- This unit is a micro compact size camera with multi-featured within a single board.
- The camera utilizes image enhancement technology to produce superb picture quality. Low lux sensitivity is as low as 0.05lux @ F2.0 0.0003 lux @F1.2
- The camera power requirement is DC12V using a regulated PSU
- This model camera employs a state-of-the-art technology and fashionable design as an ideal solution to most internal CCTV and covert applications

## INSPECTION OPTICS LTD

Garston Bridge, Garsdale  
Frome

Somerset BA11 1RU

Tel: 01373 466147 Fax: 01373 466072

E mail: [enquiries@inspectionoptics.co.uk](mailto:enquiries@inspectionoptics.co.uk)

[www.inspectionoptics.co.uk](http://www.inspectionoptics.co.uk)