



## IR Vandal-proof Dome CCD Camera



CCTV SYSTEM

www.q-see.com

## Digital Color CCD Camera

### MANUAL

This camera uses a highly sensitive CCD and full solid-state circuitry. It offers long life, high reliability and excellent image with anti-burn ability. It is not subject to distortion caused by magnetic fields. Easy to install, it is an excellent choice for CCTV.

P1

### A. OPERATION NOTICES :

- (1) Keep away from water;
- (2) Don't touch CCD with fingers, if necessary clean and remove dust with soft cloth dipped in alcohol;
- (3) If you have questions or problems, please contact Q-see tech support at ts@dpsi-usa.com or 877-998-3440.

### INSTALLATION PRECAUTIONS :

- (1) Do not install the camera where it is aimed at a strong light.
- (2) Do not install the camera in a place where temperature goes above 60°C (140°F), or there is high humidity or rain
- (3) Do not install the camera in a place where it is subjected to vibration or impact from other devices
- (4) Cover the CCD if the camera will not be in use for a long time.

P2

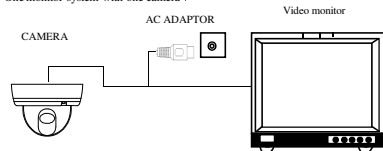
### B. OPERATION PROCEDURES:

- (1) Remove the cap cover from top of camera.
- (2) Remove C converter when using CS lens.
- (3) Screw on the lens.
- (4) Connect the camera to a monitor or recording device with a 75Ω coaxial cable.
- (5) Connect the camera to 12V DC power transformer.
- (6) Modify the focus of lens to get an excellent image when image appears on the screen.
- (7) If object does not focus properly, when modifying focal length, please try the following:
  - a Set the lens focal ring at unfixed.
  - b Focus on an object which is far away from the camera.
  - c Adjust the lens and focal ring to focus the object until you get a clear image.
  - d Tighten the lens fix screw.

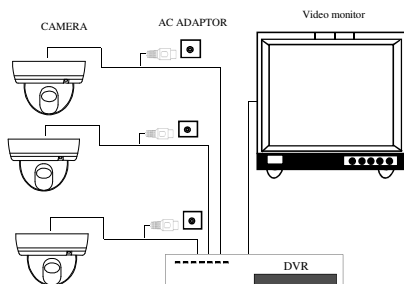
P3

### C. CONNECTION :

(a) One monitor system with one camera :

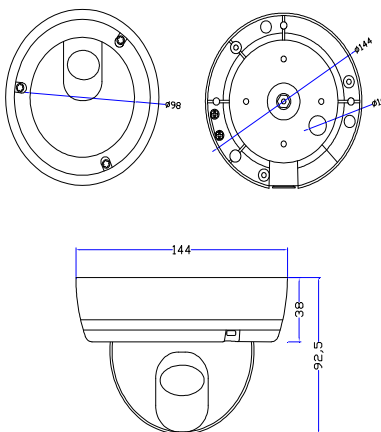


(b) One monitor system with two or more cameras :



P4

### D. DRAFT :



P5

### E. SPECIFICATIONS :

|                       |                                |
|-----------------------|--------------------------------|
| Image Sensor          | 1/3"SONY CCD                   |
| Picture Elements      | NTSC: 752 582(H)               |
| Horizontal Resolution | 480TVL                         |
| Sync System           | Internal                       |
| Scanning system       | Interlance 2:1                 |
| Elect Shutter time    | 1/50s~1/100000s                |
| White Balance         | ON/OFF                         |
| Gamma                 | 0.45                           |
| S/N Ratio             | ≥50dB                          |
| Video Output          | 1.0Vp-p 75Ω BNC                |
| Usable Illumination   | 0.5Lux/F1.2                    |
| AGC                   | On/Off                         |
| Lens                  | 3mm~9mm                        |
| Power Supply          | DC12V                          |
| Power Consumption     | 160mA                          |
| Operating Temp        | -20°C ~ +60°C (-4°F to +140°F) |
| Weight                | 625g (22oz)                    |

P6

Design and specification are subject to change without prior notice.  
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