

# ELMO

Color Security Cameras

## TSN420D

### CCD Color Video Camera

Value-rich, high-resolution 1/3" color CCD camera, incorporating the most advanced Digital Signal Processing circuitry, more than 470 TV(H) lines resolution, minimum 2.2 lux sensitivity, auto/manual white balance, auto/manual electronic shutter, comprehensive backlight compensation, built-in isolation transformer.



|                                    |  |
|------------------------------------|--|
| AES (Automatic Electronic Shutter) | Provided (Factory-set at OFF)                        |
| AGC                                | Built-in(Factory-set at ON)                          |
| Ambient humidity                   | 30%~90%  |
| Ambient temperature                | ~ 10 C~ 50 C(14 F~ 122 F)                            |
| Auto-iris terminal                 | 4P square connector (DC/VIDEO)                       |
| Backlight compensation             | Provided (Factory-set at OFF)                        |
| Dimensions                         | 60(W)x60(H)x120(D)mm(2.4 x 2.4 x 4.7in)              |
| Effective picture element          | 768(H) x 494(V)                                      |
| Electronic shutter                 | 8 steps (1/60~ 1/10000 sec)                          |
| Lens mount                         | CS   |
| Minimum illumination               | 2.2 lx(F1.2 under incandescent lamp, w/Sens-up on)   |
| Output signal                      | BNC VBS 1V (p-p) 75                                  |
| Pick-up device                     | 1/3" Color interline-transfer CCD                    |
| Power consumption                  | Approx. 5.1 W  |
| Power source                       | AC 24V 10% 60Hz 0.5Hz                                |
| Power terminal                     | 3P screw terminal                                    |
| Resolution                         | 470 TV lines (Horizontal)<br>350 TV lines (Vertical) |
| S/N ratio                          | More than 48dB                                       |
| Scanning area                      | 4.88mm(H)x3.66mm(V)                                  |
| Scanning frequency                 | 15.75kHz(H), 60Hz(V)                                 |
| Scanning system                    | 2:1 interlaced                                       |
| Sens-up                            | Provided(Factory-set at OFF)                         |
| Sync. system                       | Line-lock  |
| Weight                             | 530g(1.2 lbs)  |
| White balance                      | Auto/Manual (Factory-set at AUTO)                    |