



Pioneers in Securities



## Indoor IR Dome Camera 20 Mtr



### FEATURES

- Indoor Plastic IR Dome Camera
- High Sensitivity SONY Super HAD II CCD Sensor
- Adopt "Special Optical Low Pass Filter"
- High Efficiency IR LED 24pcs×Φ5 : Radiant Distance 20 M
- Automatically Activates LED: Below 10 Lux
- High Sensitivity Sensor, Excellent Picture Quality
- Housing and Bottom Chassis Integrated
- IR Cut Filter, Auto Color & Mono Switching in low light
- Unique Front Glass Design Separates Lens from IR LEDs
- Lens 3.6 mm (6/8mm optional)
- Avoid IR Reflection to Provide Perfect Video
- Perfect Solution for Day / Night Applications
- **White & Black Color Dome Body Available**



**SMX**  
Day Camera  
Without IR



**OSD CONTROLLER**  
Sony Super HAD II CCD

| Model                                    | SMX-   | S-102A<br>S-102A W  | S-102<br>S-102 W                                | S-104<br>S-104 W                                | S-106<br>S-106 W                                | S-107<br>S-107 W                                |
|--|--|---|---|---|---|---|
| Image Sensor                             | 1/3" Sony Super HAD II CCD                           | 1/4" SHARP CCD  | 1/3" Sony Super HAD II CCD                      | 1/3" Sony Super HAD II CCD                      | 1/3" Sony Super HAD II CCD                      | 1/3" Sony Exview II CCD                         |
| TV System                                | PAL / NTSC   |   |   |   |   |   |
| Horizontal Resolution                    | 420 TVL  | 420 TVL   | 420 TVL   | 480 TVL   | 650 TVL   | 750 TVL   |
| Image Resolution                         | PAL : 500 (H)*582 (V)<br>NTSC : 510 (H)*492 (V)      | PAL : 500 (H)*582 (V)<br>NTSC : 510 (H)*492 (V)               | PAL : 500 (H)*582 (V)<br>NTSC : 510 (H)*492 (V) | PAL : 752 (H)*582 (V)<br>NTSC : 768 (H)*494 (V) | PAL : 752 (H)*582 (V)<br>NTSC : 768 (H)*494 (V) | PAL : 796 (H)*582 (V)<br>NTSC : 796 (H)*494 (V) |
| Lens                                     | 3.6mm Lens ( 6/8mm optionally)                       |   |   |   |   |   |
| IR Led / IR Distance                     | Without IR   | 24 Pcs × Ø5, 20m  |   |   |   |   |
| Shell                                    | Black  | Indoor Plastic Dome Housing • Black Colour • (W) White Colour |   |   |   |   |
| Synchronization System                   | Internal Synchronization                             |   |   |   |   |   |
| Video Output                             | 1.0V p-p, 75Ω / BNC                                  |   |   |   |   |   |
| Power Supply                             | DC12V ( +/- 10%), 120mA+ 300mA (with IR on)          |   |   |   |   |   |
| Operating Environment                    | -20°C~60°C / 10% ~ 95%RH                             |   |   |   |   |   |
| Digital to Analog                        | 9 Bit  | 9 Bit   | 9 Bit   | 10 Bit  | 10 Bit  | 12 Bit  |
| Minimum illuminator                      | 0.1 Lux / F 1.2<br>(0 Lux IR On)                     | 0.5 Lux / F 1.2<br>(0 Lux IR On)                              | 0.1 Lux / F 1.2<br>(0 Lux IR On)                | 0.1 Lux / F 1.2<br>(0 Lux IR On)                | 0.05 Lux / F 1.2<br>(0 Lux IR On)               | 0.05 Lux / F 1.2<br>(0 Lux IR On)               |
| S/N Ratio                                |  | >48dB   | >48dB   |   | >50dB   |   |
| Electronic Shutter                       | 1/50 - 1/60,000 sec (PAL), 1/60 - 1/60,000sec (NTSC) |   |   |   |   |   |
| <b>OSD (On Screen Display) FUNCTIONS</b> |  |   |   |   |   |   |
| Model                                    |  |   | S-102 OSD<br>S-102W OSD                         | S-104 OSD<br>S-104 W OSD                        | S-106<br>S-106 W                                | S-107<br>S-107 W                                |
| WDR                                      | D-WDR  |   |   |   |   |   |
| DNR                                      | 2D-DNR   |   |   |   |   |   |
| OSD                                      | OSD (ON SCREEN DISPLAY)                              |   |   |   |   |   |
| Motion Detection                         | 4 zones,Set position and size freely                 |   |   |   |   |   |
| Private Area                             | 8 zones,Set position and size and color freely       |   |   |   |   |   |
| Control Mode                             | OSD Menu   |   |   |   |   |   |
| White Balance                            | ATW / Manual / Auto                                  |   |   |   |   |   |
| AGC                                      | ATW / Manual / Off                                   |   |   |   |   |   |
| BLC                                      | ON / OFF   |   |   |   |   |   |
| Gamma Adjusting                          | Adjustable   |   |   |   |   |   |

Designed in Japan