



SPT-9016



SPT-KBI

## SPT-9016 Series

Optical Zoom Speed Dome with Privacy Zone

### Specification - High Speed Dome Camera

| Model                                  | SPT-9016  | SPT-9016W |
|--|---|-----------|
| Address                                | 0 ~ 225   |           |
| Pan Range                              | 0° ~ 360° Continuous  |           |
| Tilt Range                             | 0° ~ 90° Flip   |           |
| Manual Speed Pan                       | 0.1° ~ 300° / Sec   |           |
| Manual Speed Tilt                      | 0.1° ~ 120° / Sec   |           |
| Present Accuracy                       | 0.10°   |           |
| Preset Points                          | 128 Points  |           |
| Operation Menu                         | Multi-Language ( English, Chinese, German etc..)                |           |
| Privacy Zones (Masking)                | 8 Programmable Zones  |           |
| Sector Label Display                   | 8 Programmable Zones  |           |
| Recall Function                        | Yes   |           |
| Operation Return Function              | Yes   |           |
| PTZ Tours (Pattern)                    | 3 Programmable (Pan / Tilt / Zoom and each tour is 120 seconds) |           |
| Vector Scan Groups                     | 6 Programmable (Dwell time speed preset point)                  |           |
| Integrate Multi-protocol               | Pelco_D , Pelco_P etc..   |           |
| Auto Scan                              | With smart Programmable variable speed                          |           |
| High efficient 3-dimension Scan        | Yes   |           |
| Long-focus Speed-limited               | Yes   |           |
| Intelligent Power Off Real Time Memory | Yes   |           |

| Model                 | SPT-9016   | SPT-9016W       |
|-----------------------|--|-----------------|
| Supporting Camera     | Automatically detect 8 kinds of camera (Sony, Hitachi, Yoko, CNB, Sanyo, LG, Hitron and Samsung) |                 |
| Camera Menu Operation | Yes  |                 |
| IP66                  | Yes  |                 |
| Operation Temperature | -30°C ~ 50°C   |                 |
| Humidity              | 0% ~ 90% (Non condensing)  |                 |
| Heater In Operate     | No   | 6°C on 14°C off |
| Power                 | 24V AC 2A 60Hz / 50Hz  |                 |
| Consumption           | 35W  |                 |
| Hori. Resolution      | 550TV lines  |                 |

## Specification - CCD Camera

| Model                      | SPT-9016  | SPT-9016W |
|----------------------------|---|-----------|
| Image Sensor               | 1/4" Exview HAD CCD   |           |
| Number of Effective Pixels | PAL- Approx. 440,000 pixels / NTSC - Approx. 380,000 pixels   |           |
| Lens                       | 37x optical zoom, f=3.5mm(wide)~129.5mm(tele), F1.7~3.9   |           |
| Horizontal Resolution      | 550TVL  |           |
| Digital Zoom               | 12x (336x with optical zoom)  |           |
| Angle of View (H)          | 55.5°(wide)~1.59°(tele)   |           |
| Min. Object Distance       | 320mm(wide), 1500mm(tele)   |           |
| Sync. System               | Internal / External (V-lock)  |           |
| Min. Illumination          | Color : 0.4Lux/F1.6 , Black/White : 0.02Lux/F1.6  |           |
| S/N Ratio                  | More than 50 dB   |           |
| Electronic Shutter         | 1/1 to 1/10,000 s   |           |
|                            | 22 steps  |           |
| White Balance              | Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp (fix/auto), One-push, Manual  |           |
| Gain                       | Auto/Manual (-3 to 28dB, 2dB steps)   |           |
| EV Compensation            | Auto, Manual, Priority Mode, Bright, EV compensation, Backlight compensation, Slow AE   |           |
| Back Light Compensation    | On/Off  |           |
| Privacy Zone Masking       | On / Off (24 positions, 8 positions per screen, 14 colours & mosaic)  |           |
| Focusing System            | Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom trigger AF, Focus Compensation in ICR On mode |           |
| Picture effect             | E-Flip, Nega Art, Black & White, Mirror Image, Colour Enhancement   |           |
| Camera Operation Switch    | Yes (Zoom Tele, Zoom Wide)  |           |

| Model                    | SPT-9016  | SPT-9016W |
|--------------------------|---|-----------|
| Video Output             | Analogue: VBS: 1.0 Vp-p (sync negative), Y/C Digital: Y/Cb/Cr 4 :2 :2 (comparable to ITU-R BT656) |           |
| Camera Control Interface | VISCA (TTL signal level)  |           |
|                          | baud rate: 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s.  |           |
|                          | Stop bit: 1/2 selectable  |           |
| Storage Temp.            | -20 to 60 °C  |           |
| Operating Temp.          | -5 °C to +60 °C   |           |
| Power Consumption        | 6 to 12 V DC  |           |
| Weight                   | Approx. 238g (8.4 oz)   |           |
| Dimensions (WxHxD)       | 50.0 x 57.5 x 89.8 mm   |           |

## Specification - System Keyboard

| Model                  | SPT-KB1                                |
|------------------------|--|
| Keyboard Keypad        | Electromechanical                      |
| Communication Standard | RS485 / EIA485 Surge Protection        |
| Baud Rate              | 1200B / 2400B / 4800B / 9600B / 19200B |
| Display                | LCD                                    |
| Joystick               | Three-dimensional vector               |
| Voltage Input          | 9VDC 300MA                             |
| Weight                 | 2.5 kgs                                |
| Operation Temperature  | 0°C ~ 50°C (32F ~ 122F)                |
| Operation Humidity     | 5 ~ 95% RH non-condensing              |

## Ordering Information

- SPT-9016            37X Optical Zoom and Privacy Zone Masking,550TVL Indoor Speed Dome
- SPT-9016W        37X Optical Zoom and Privacy Zone Masking,550TVL Outdoor Speed Dome
- SPT-KB1            Speed Dome Keyboard- 3 Dimensional Functional Control