

PIH 7522/7522DH

- 22X Optical Zoom Lens (3.9 ~ 85.8 mm)
- 520 Horizontal TV Lines
- Automatic / Manual Iris Control
- Preset ID / Name
- Preset Background Environment File
- Private Mask
- Up to 128 Programmable Preset Positions
- Two Types of Alarm Response Mode: Lock Mode, Release Mode
- RS-485 Control Interface
- Up to 256 Fast Dome Configuration



• 22X Outdoor (Day & Night) Super High Resolution Fast Dome Camera

The new LILIN PIH-7522DH series *Outdoor Day & Night Super High Resolution Fast Dome Camera* integrates a weatherproof housing, 360° high-speed pan and tilt base, and 22x optical zoom lens, this camera can identify distant subject. Up to 255 arbitrary positions can be preset and such preset positions can be instantaneously repeated. Moreover, Horizontal resolution is also significantly higher, 520 lines (typical) in color or 580 lines in Mono. Its also provides images stay clear during night time and sharp in lighting as low as 0.1 lux (in color) and 0.01 lux (in Mono) with ICR Day & Night feature. Its 0.15°/sec. slow speed fine control and powerful zoom let you zoom in smoothly on your subject. In addition, PIH-7522DH series provides premium features such as 128 presets, 8 privacy zone, ensuring the data protection and security requirement. Because the camera is integrated with an outdoor-use housing and a built-in fan heater, it can be freely used outdoors as well.

8 Language OSD



22X Optical Zoom Lens



Day & Night



Dynamic Privacy Masking



Specifications

22X Outdoor High Resolution (Day & Night) Fast Dome Camera Series

| Model | PIH-7522NL PIH-7522NF | PIH-7522DHNL PIH-7522DHNH | PIH-7522PL PIH-7522PF | PIH7522DHPL PIH7522DHPF |
|-------------------------------|---|---|---|---|
| System | NTSC | | PAL | |
| Power Supply | L type: AC 24V ±10% / F type: AC 100~240V | | | |
| Power Consumption | 22 W (Heater : ON) | | | |
| Image Pick-up Device | Sony 1/4" Super HAD CCD | Sony 1/4" EXview HAD CCD | Sony 1/4" Super HAD CCD | Sony 1/4" EXview HAD CCD |
| Effective Pixels | 768 (H) x 494 (V) | | 752 (H) x 582 (V) | |
| Scanning System | 2:1 Interlace | | | |
| Scanning Frequency | 15.734 KHz (H) , 60 Hz (V) | | 15.625 KHz (H) , 50 Hz (V) | |
| Synchronization | Internal / Line Lock Selectable | | | |
| Video Output | CVBS 1.0 Vp-p / 75 Ω BNC | | | |
| Horizontal Resolution | Color : 520 TV Lines | Color : 520 TV Lines Mono: 580 TV Lines | Color : 520 TV Lines | Color : 520 TV Lines Mono: 580 TV Lines |
| Signal to Noise Ratio | More Than 50 dB (AGC : Off) | | | |
| Minimum Illumination | Color : 0.3 Lux at F1.6 | Color : 0.1 Lux at F1.6 Mono: 0.01 Lux at F1.6 | Color : 0.3 Lux at F1.6 | Color : 0.1 Lux at F1.6 Mono: 0.01 Lux at F1.6 |
| IP Rating | IP 66 | | | |
| Ambient Operation Temperature | - 10°C ~ + 50°C (14°F ~ 122°F) | | | |
| Operating Humidity | 0% ~ 90% | | | |
| Dimensions | 326 mm (H) x 210 mm (D) | | | |
| Weight | 3200 g | | | |
| Heater Activation | On: 15°C , Off: 25°C | | | |
| Fan Activation | On: 35°C , Off: 25°C | | | |
| Panning Range | 360° Endless | | | |
| Panning Mode | Manual , Auto , Manual Position , Sequential Position | | | |
| Panning Speed | Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s | | | |
| Tilting Range | - 6° ~ + 96° | | | |
| Tilting Mode | Manual , Auto , Manual Position , Sequential Position | | | |
| Tilting Speed | Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s | | | |
| Zoom Ratio | 22X Optical Zoom | | | |
| Focal Length | 3.9 mm ~ 85.8 mm | | | |
| Maximum Aperture Ratio | 1 : 1.6 (Wide) ~ 3.7 (Tele) | | | |
| Minimum Object Distance | 1 m (Tele) | | | |
| Iris Range | F1.6 ~ 16, Close | | | |
| Angle Field of View | Wide : 60.62° (D) 50.13° (H) 38.73° (V) / Tele : 3.0° (D) 2.4° (H) 1.8° (V) | | | |
| Control Interface | RS-485 Transmission | | | |
| Control Function | Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position / Patrol | | | |
| Character Display | On / Off (Preset ID : 16 Alphanumeric Characters , Alarm Message , Zoom Ratio , Date / Time , Pan / Tilt Angle) | | | |
| Zoom Speed | 0 ~ 7 Selectable [7 : Approx. 3.8 Second (Tele to Wide) in Manual Mode] | | | |
| Zoom Limit | Minimum: 1X~10X Selectable , Maximum: 15X~22X Selectable | | | |
| Focus Speed | Slow / MID. / Fast Selectable [Fast : Approx. 3.8 Second (Far to Near) in Manual Mode] | | | |
| Auto Focus | Auto / Zoom Trigger / Interval | | | |
| Iris | ALC (Adjustable Output Target Level) / Manual | | | |
| IR Cut filter | NA | YES | NA | YES |
| Password Lock | Function Setup | | | |
| Electronic Shutter Speed | Auto / Manual Selectable (1/60 ~ 1/100,000 sec) | | Auto / Manual Selectable (1/50 ~ 1/100,000 sec) | |
| Back Light Compensation | On / Off Selectable | | | |
| White Balance | ATW / PUSH / MWB Selectable | | | |
| Auto Gain Control | 0 ~ 36 dB Selectable | | | |
| Auto Mode | OFF / AUTO / SEQ / TOUR / PATROL (STOP/ PLAY/ LEARN) | | | |
| Privacy Zone | On / Off Selectable (Up to 8 Zones Settings) | | | |
| Image Mirror | On / Off Selectable | | | |
| Image Negative | On / Off Selectable | | | |
| Alarm Input / Output | 6 Input [Alarm In 1 ~ 6 (NC / NO)] , 1 Output (Alarm Out NC / NO) | | | |
| Schedule Setting | Alarm Input / Auto Mode / Daylight Saving Time | | | |