

# Portable Rugged PTZ Cameras

(White Light Version)



WS-VSWL3600

WS-VSWL2800

WL

60M

DNR

IP66

28X A/F Lens

36X A/F Lens

550 TVL

DIS

WDR

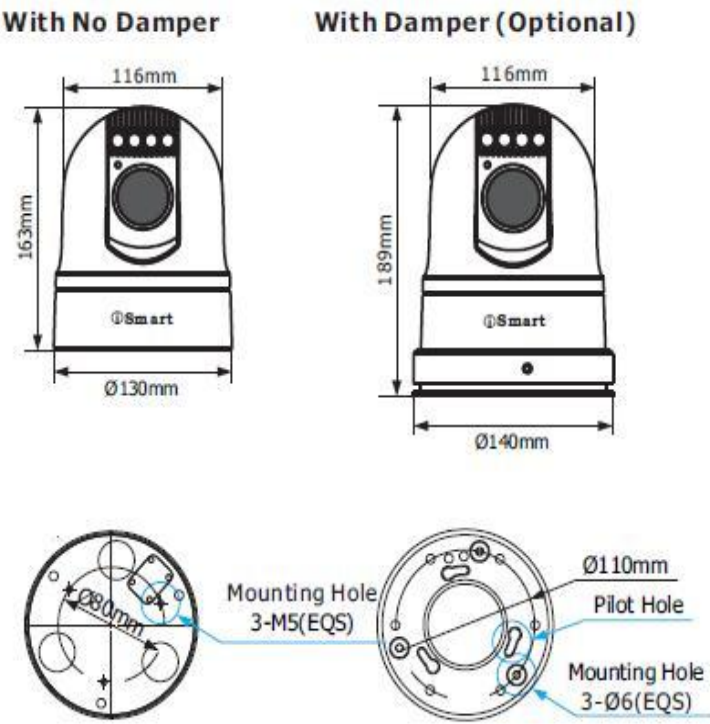
D/N ICR

Image Flip

## Features

- ※ Efficient 60M White lighting, excellent night vision performance
- ※ Magnesium Alloy front cover;
- ※ Portable with compact design & high reliability;
- ※ Advanced mechanical system with high speed and free-maintenance motor design;
- ※ Optional damping system;
- ※ Digital Image Stabilization(DIS);
- ※ WDR Supported;
- ※ Image flip function;
- ※ Soft address supported;
- ※ Self-adaption of Protocol & Baud Rate;
- ※ Wide range of voltage input(9V-28V);
- ※ Auto power-off with low power supply;
- ※ Random Scan, Auto Scan, Frame Scan supported.

## Dimensions



## Specification

| Model No.             | WS-VSWL3600                               | WS-VSWL2800 |
|-----------------------|-------------------------------------------|-------------|
| Camera                |                                           |             |
| Image Sensor          | 1/4" SONY EX-View HAD CCD                 |             |
| Effective Pixel       | PAL:752(H) x 582(V); NTSC:768(H) x 494(V) |             |
| Resolution            | 550TVL                                    |             |
| Horizontal Resolution | PAL/NTSC                                  |             |
| Optical Zoom          | 36X                                       | 28X         |

|                                                                   |                                                                                |                                         |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------|
| Digital Zoom                                                      | 12X                                                                            |                                         |
| Minimum Illumination                                              | 0.01Lux(lights off) / 0Lux(Lights on)                                          | 0.0015Lux(lights off) / 0Lux(Lights on) |
| White Balance                                                     | Auto                                                                           |                                         |
| Exposure                                                          | Auto/Manual                                                                    |                                         |
| Focus                                                             | Auto/Manual                                                                    |                                         |
| S/N Ratio                                                         | Not less than 50dB                                                             |                                         |
| BLC                                                               | On/Off                                                                         |                                         |
| WDR 150X                                                          | Yes                                                                            | No                                      |
| Digital Image Stabilization                                       | On/Off                                                                         |                                         |
| Digital Noise Reduction                                           | 1~5 steps                                                                      |                                         |
| Day/Night                                                         | Yes                                                                            |                                         |
| Lens                                                              | f=3.4mm~122.4mm; F1.6 to F4.5                                                  | f=3.5mm~98 mm;F1.35 to F3.7             |
| View Angel                                                        | 57.8° (wide) to 1.7° (tele)                                                    | 55.8° (wide) to 2.1° (tele)             |
| PTZ                                                               |                                                                                |                                         |
| Pan Range                                                         | 360° Continuous                                                                |                                         |
| Pan Speed                                                         | Control speed: 0.05° -120°/s, adjustable; Preset speed: 150°/s                 |                                         |
| Tilt Range                                                        | -15°~90° (Auto Flip)                                                           |                                         |
| Tilt Speed                                                        | Control speed: 0.03° ~90°/s, adjustable; Preset speed: 120°/s                  |                                         |
| Presets                                                           | 256                                                                            |                                         |
| Presets Precision                                                 | ±0.05°                                                                         |                                         |
| Light                                                             |                                                                                |                                         |
| Color Temperature                                                 | 6500K                                                                          |                                         |
| Range                                                             | 60m                                                                            |                                         |
| Switch                                                            | Manual                                                                         |                                         |
| Gernal                                                            |                                                                                |                                         |
| Comm.Interface                                                    | RS-485                                                                         |                                         |
| Protocol                                                          | PELCO-P/PELCO-D                                                                |                                         |
| Baud Rate                                                         | 2400/4800/9600/19200bps (Self Adaptive)                                        |                                         |
| Address                                                           | 0~255                                                                          |                                         |
| Voltage                                                           | DC10.8-28V                                                                     |                                         |
| Power                                                             | 10W (Standby)/25W (Aux lights ON and P/T running continuously)                 |                                         |
| Working Temp.                                                     | -35°C~65°C                                                                     |                                         |
| IP Code                                                           | IP66, TVS, Anti-surge                                                          |                                         |
| Dimensions                                                        | Φ130(mm)×163(mm) w/o damper (standard),Φ140(mm)×189(mm) with damper (optional) |                                         |
| Weight                                                            | standard: 1.6kg ,with damper: 2kg                                              |                                         |
| ***Product specification are subject to change without notice *** |                                                                                |                                         |

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