

# WH-1800 Outdoor CCTV camera

## Night vision surveillance camera

The WH-1800 outdoor CCTV camera is designed for outdoor video surveillance applications, such as parking lot, harbor, and public area, even under in outdoor harsh situations.

With IP66 waterproof rating ensure the camera is protected under outdoor all weather condition, even under rain or fog condition operating, to meet your harsh environments outdoor surveillance requirement.

The WH-1800 outdoor CCTV camera equipped IR LEDs sensor and color CCD, provide 24/7 surveillance of night vision standard, even under no light or low light conditions, capture the clear image and more detail, ideal for most challenging low light applications.

### Powerful Video-Processing chip

- Outstanding image quality
- Exceptional dynamic range
- Captures more detail



### Enhancement of camera performance

- Green design
- 100% passed durability test
- Innovated and practical design
- Temperature test, voltage protective test



### Highlights

- ▶ IP66 standard Outdoor waterproof protection
- ▶ High resolution 380TV lines
- ▶ Built-in Varifocal lens (9.0mm ~ 22.0mm)
- ▶ Advanced 1/3 Super HAD CCD Sensor
- ▶ Infrared LEDs for outdoor night vision surveillance
- ▶ High Sensitivity of 0.1Lux
- ▶ Advanced digital signal processor (DSP)
- ▶ Wide range Operating temperature range
- ▶ Outdoor all weather surveillance application

### Reliability Test

- Color Testing
- Vector Testing
- Frequency Testing
- Video Quality Testing



|   |   |
|---|---|
| <b>Model</b>                            | <b>WH-1800</b>                                  |
| <b>Image Sensor</b>                     | 1/3" Color Super HAD CCD                        |
| <b>Picture Elements</b>                 | NTSC: 542 x 492<br>PAL: 542 x 582               |
| <b>Scanning system</b>                  | NTSC: 525 lines, PAL: 625 lines. 2:1 interlace  |
| <b>Lens type</b>                        | 9.0mm ~ 22.0mm Varifocal Auto Iris Lens, F1.2   |
| <b>H-Resolution</b>                     | 380 TV lines                                    |
| <b>Min illumination</b>                 | 0.1Lux/ F1.2                                    |
| <b>S/N ratio</b>                        | More than 48 dB                                 |
| <b>Electronic Shutter</b>               | NTSC: 1/60 ~ 1/100,000<br>PAL: 1/50 ~ 1/110,000 |
| <b>Back light Comp.</b>                 | Auto  |
| <b>White Balance</b>                    | Auto  |
| <b>Infrared LEDs 40M (Night Vision)</b> | Yes   |
| <b>Video Output</b>                     | 1.0Vp-p, 75 Ohm, BNC connector                  |
| <b>Power</b>                            |   |
| <b>Power Supply</b>                     | AC100 ~ 240V                                    |
| <b>Power consumption</b>                | Max. 6W   |
| <b>Operating environment</b>            |   |
| <b>Outdoor Protection</b>               | IP66 Waterproof                                 |
| <b>Operating Temperature</b>            | -20 °C ~ 50 °C                                  |
| <b>Storage Temperature</b>              | -10 °C ~ 50 °C                                  |
| <b>Humidity</b>                         | RH 85%  |
| <b>Dimensions</b>                       | 267.5mm x 111mm x 115.3mm                       |
| <b>EMI</b>                              |   |
| CE, UL                                  |   |



**World Helmsman Technology Co., Ltd.**

3F-5, No. 81, Sec. 1, Hsin Tai Wu Rd., Hsichih,

Taipei Hsien 22101, Taiwan

Tel: +886-2-2906-0816 Fax: +886-2-2904-1360

[www.wh-tech.com](http://www.wh-tech.com) / Email: [sales@wh-tech.com](mailto:sales@wh-tech.com)

■ DISTRIBUTED BY

