

# HCP-6230H / 6230

1080p Analog HD 23x PTZ Dome Camera



HCP-6230H



HCP-6230

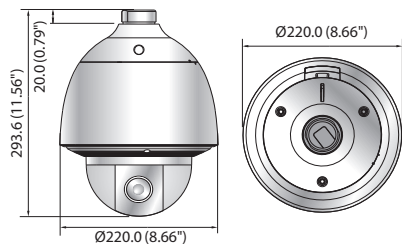
## Key Features

- Full HD (1920 x 1080, 30fps) Resolution
- 0.2Lux@F1.6 (Color), 0.01Lux@F1.6 (B/W)
- Powerful 23x Zoom (4.44 ~ 101.2mm), Digital 16x
- Day & Night (ICR), Defog, WDR (120dB), SSNR III
- Preset : 700°/sec, Azimuth
- IP66 / IK10 (HCP-6230H), IK10 (HCP-6230 + SHP-3701H Only)
- RS-485, Coax Control

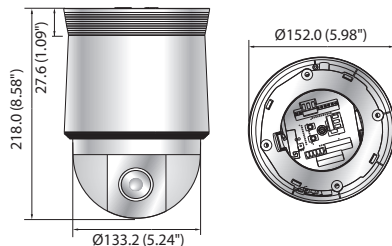
## Dimensions

Unit : mm (inch)

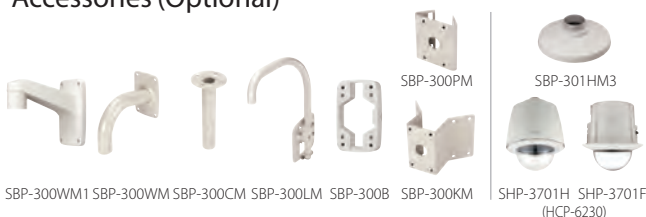
HCP-6230H



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## Accessories (Optional)



|                                  | HCP-6230H   | HCP-6230  |
|----------------------------------|---|---|
| <b>VIDEO</b>                     |   |   |
| Imaging Device                   | 1/2.8" 2.38M CMOS   |   |
| Total Pixels                     | 1,952(H) x 1,116(V), 2.18M pixels   |   |
| Effective Pixels                 | 1,944(H) x 1,104(V), 2.14M pixels   |   |
| Scanning System                  | Progressive   |   |
| Min. Illumination                | Color : 0.2Lux (1/30sec, F1.6)<br>B/W : 0.01Lux (1/30sec, F1.6)   |   |
| S / N Ratio                      | 50dB  |   |
| Video Output                     | BNC (CVBS / AHD)  |   |
| <b>LENS</b>                      |   |   |
| Focal Length (Zoom Ratio)        | 4.44 ~ 101.2mm (Optical 23X)  |   |
| Max. Aperture Ratio              | F1.6 (Wide) / F3.63 (Tele)  |   |
| Angular Field of View            | H : 62.8° (Wide) ~ 3.14° (Tele) / V : 36.8° (Wide) ~ 1.76° (Tele)   |   |
| Min. Object Distance             | Wide : 1.4m (4.59ft), Tele : 1.9m (6.23ft)  | Wide : 1.5m (4.92ft), Tele : 2m (6.56ft)          |
| Focus Control                    | Auto / Manual / One Push  |   |
| Lens Type                        | DC Auto Iris  |   |
| Mount Type                       | Board-in Type   |   |
| <b>PAN / TILT</b>                |   |   |
| Pan Range                        | 360° Endless  |   |
| Pan Speed                        | Preset : 700°/sec, Manual : 0.024°/sec ~ 200°/sec   |   |
| Tilt Range                       | 210° (-15° ~ 195°)  |   |
| Tilt Speed                       | Preset : 700°/sec, Manual : 0.024°/sec ~ 200°/sec   |   |
| Preset                           | 255ea   |   |
| Preset Accuracy                  | ±0.2°   |   |
| Azimuth                          | Yes (E / W / S / N / NE / SE / NW / SW OSD)   |   |
| <b>OPERATIONAL</b>               |   |   |
| Camera Title                     | Off / On (Displayed up to 15 Characters)  |   |
| Day & Night                      | Auto (ICR) / Color / B/W  |   |
| Backlight Compensation           | Off / BLC / HLC   |   |
| Wide Dynamic Range               | 120dB   |   |
| Contrast Enhancement             | SSDR (Off / On)   |   |
| Digital Noise Reduction          | SSNR III (2D + 3D Noise Filter) (Off / On)  |   |
| Digital Image Stabilization      | Off / On  |   |
| Defog                            | Off / Auto / Manual   |   |
| Motion Detection                 | Off / On (4ea Rectangle Zone)   |   |
| Privacy Masking                  | Off / On (32 Zones of Rectangle Zone)   |   |
| Gain Control                     | Off / Low / Middle / High   |   |
| White Balance                    | ATW / AWC / Manual / Indoor / Outdoor / Mercury / Sodium  |   |
| Electronic Shutter Speed         | Minimum / Maximum / Anti Flicker (2 ~ 1/12,000sec)  |   |
| Digital Zoom                     | 16x   |   |
| Flip / Mirror                    | Off / On  |   |
| Intelligent Video Analytics      | Tampering, Virtual Line, Enter / Exit, Appear / Disappear   |   |
| Alarm I/O                        | Input 4ea / Output 2ea (Relay)  |   |
| Remote Control Interface         | RS-485, Coaxial   |   |
| Protocol                         | RS-485: Samsung-T/E, Pelco-D/P, Sungjin, Panasonic, Bosch, AD, GE, Vicon, Honeywell<br>Coaxial: ACP (AHD Coax Protocol) |   |
| <b>ENVIRONMENTAL</b>             |   |   |
| Operating Temperature / Humidity | -50°C ~ +55°C (-58°F ~ +131°F) / Less than 90% RH   | -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH |
| Storage Temperature / Humidity   | -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH   |   |
| Ingress Protection               | IP66  | -   |
| Vandal Resistance                | IK10  | IK10 (With SHP-3701H)                             |
| <b>ELECTRICAL</b>                |   |   |
| Input Voltage / Current          | 24V AC ±10%   |   |
| Power Consumption                | Max. 24W (Heater Off),<br>Max. 65W (Heater On)  | 20W   |
| <b>MECHANICAL</b>                |   |   |
| Color / Material                 | Ivory / Plastic + Metal   |   |
| Dimensions (WxH)                 | Ø220.0 x 293.6mm (Ø8.66" x 11.56")  | Ø152.0 x 218.0mm (Ø5.98" x 8.58")                 |
| Weight                           | 3.3Kg (7.28 lb)   | 2.2Kg (4.85 lb)                                   |

\* The latest product information / specification can be found at [hanwha-security.com](http://hanwha-security.com)  
\* Design and specifications are subject to change without notice.