

# HCP-6230H / 6230

1080p Analog HD 23x PTZ Dome Camera



HCP-6230H



HCP-6230

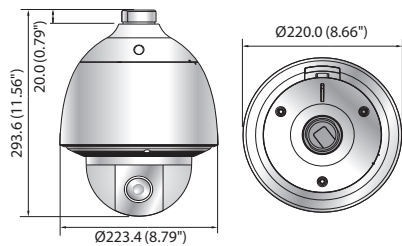
## Key Features

- 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), SSNRIII
- Preset : 700°/sec, Azimuth
- IP66 / IK10 (HCP-6230H), IK10 (HCP-6230 + SHP-3701H Only)
- RS-485, Coax Control

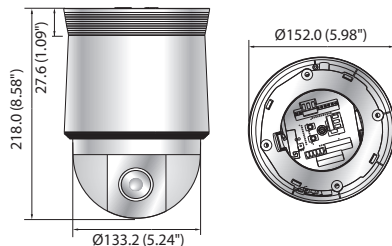
## Dimensions

Unit : mm (inch)

HCP-6230H



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## Accessories (Optional)



SBP-300WM1 SBP-300WM SBP-300CM SBP-300LM SBP-300B SBP-300KM SHP-3701H SHP-3701F (HCP-6230)

	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) 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	SSNRIII (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 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), Max. 65W (Heater On)	20W
<b>MECHANICAL</b>		
Color / Material	Ivory / Plastic + Metal	
Dimensions (WxH)	Ø223.4 x 293.6mm (Ø8.79" 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  
\* Design and specifications are subject to change without notice.