

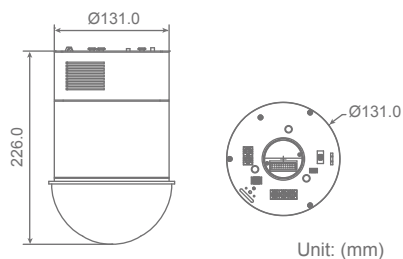
High Speed Dome Camera

DynaHawk™ 701 / 801+ S Series



Dimension

DH701 Integrated High Speed Dome Camera



Features

Precise and Accurate Dome Camera Performance

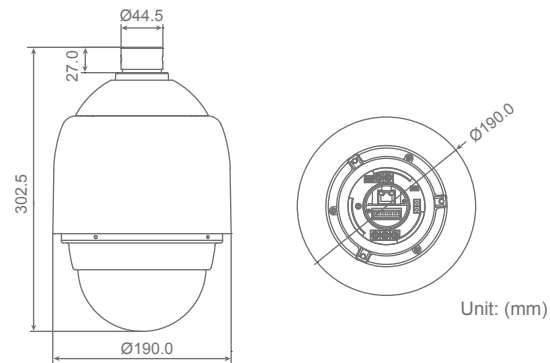
- High Resolution up to 650 TV lines
- Preset speed up to 400°/sec.
- Preset resolution of 0.1°
- 360° Endless Pan
- Proportional Pan & Tilt Speed
- Preset Position / Auto-Pan / Sequence / Cruise
- Auto-Calibration
- Digital / Mechanical Image Flip (180°)

Dynamic Dome Camera Applications

- NEW** • Multi-language OSD
 - Schedule function
- NEW** • Multiple built-in protocols
 - 16 privacy masks
 - 8 alarm inputs, 1 alarm output
 - Motion Detection
 - Flexible indoor / outdoor mountings
 - Compact lightweight design for easy installation
 - Weatherproof housing
- NEW** • Integrated Pelco Coaxitron® support
- NEW** • Integrated BOSCH Biphas® support

Dimension

DH801+ Integrated High Speed Dome Camera



Superior Camera Image Quality

- Minimum illumination 0.01 Lux (B/W)
- Digital Slow Shutter
- Electronic Shutter
- Auto White Balance
- Backlight Compensation
- Auto Exposure
- Image Inverse
- NEW** • Removable IR Cut Filter
- NEW** • Wide Dynamic Range
- NEW** • 2D / 3D Noise Reduction

Optional Network Functions

- NEW** • H.264 and MJPEG compression
- NEW** • D1 Real-time resolution
- NEW** • 3D de-interlaced support

Specification

Item	S3 Model	S5 Model	S4 Model	S6 Model	
Camera					
CCD Sensor	1/4" Sony CCD				
Progressive Scan	-				
Optical Zoom	30×		36×		
Digital Zoom	1× ~ 12× variable				
Effective Pixels	NTSC	380 k	480k	380 k	480k
	PAL	440 k	570 k	440 k	570 k
Horizontal Resolution	540 TVL	650 TVL	540 TVL	650 TVL	
Scanning System	NTSC / PAL				
Synchronization	Internal / Line Lock				
Video Output	1.0 Vp-p / 75 Ω, BNC				
S/N Ratio	> 50 dB (AGC Off)				
Minimum Illumination	0.1 lux, 0.01lux (B/W)				
Focal Length	3.4 ~ 102 mm		3.4 ~ 122.4 mm		
Focus Mode	Auto / Manual				
White Balance	Auto / Manual				
Iris Control	Auto / Manual				
Electronic Shutter	1/1~1/10k sec.				
AGC Control	Auto / Manual				
Back Light Compensation	On / Off				
Operation					
Built-in Protocol	DSCP, Pelco P, Pelco D, AD422, Philips, Kalatel, VCL, JVC, etc.				
Multi-language OSD	English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish, S. Chinese, T. Chinese				
Pan Travel	360° endless				
Tilt Travel	-10° ~ 190°				
Manual Speed	0.5° ~ 90°/s				
Presets	256				
Preset Resolution	0.1°				
Preset Speed	5° ~ 400°/s				
Sequence	8				
Auto-Pan	4				
Cruise	8				
Privacy Mask	16				
Proportional Pan & Tilt	On / Off (Pan and tilt speed proportional to zoom ratio)				
Resume after Power Loss	Yes				
Zone Title	16				
Home Function	Preset, Sequence, Auto-Pan, Cruise				
Auto-Flip	Digital / Mechanical / Off				
Digital Slow Shutter	On / Off				
Motion Detection	On / Off				
Wide Dynamic Range	On / Off				
Day / Night: IR Cut Filter	On / Off				
Image Freeze	On / Off				
Image Inverse	On / Off				
Noise Reduction	2D	On / Off			
	3D	On / Off			
Alarm Input	8				
Alarm Output	1				
Alarm Reaction	Preset, Sequence, Auto-Pan, Cruise				
Network; optional					
Video Compression	H.264 Main Profile, MJPEG				
Video Streaming	Dual H.264 / Simultaneously H.264 + MJPEG				
Video Resolution	D1: NTSC 720 × 480 / PAL 720 × 576; CIF: NTSC 352 × 240 / PAL 352 × 288				
Frame Rate	30 fps @ D1 Resolution				
Audio Compression	G.726 ADPCM/ AAC				
Audio Streaming	Full-duplex, Half-duplex, Simplex				
Interface	RJ45, 10/100 Mbps Ethernet				
Protocols	TCP/IP, UDP, HTTP, FTP, SMTP, ARP, ICMP, DHCP, RTP/RTSP				
Alarm	4 digital alarm inputs / 1 alarm output				
Alarm Reaction	Preset, Sequence, Auto-Pan, Cruise				
Security	User Account and Password Protection				
General					
Environment	Indoor / Outdoor				
Controller Interface	RS-485				
Operating Temperature	DH701	0 °C ~ 40 °C (32 °F ~ 104 °F)			
	DH801*	-45 °C ~ 50 °C (-49 °F ~ 122 °F)			
Regulatory	IP66 Standard (DH801+ series only)				
Dimension	DH701	Ø 131 × 226 mm (Ø 5.2 × 8.9 Inches)			
	DH801*	Ø 172 × 302.5 mm (Ø 6.7 × 11.9 Inches) / Ø 190 × 302.5 mm (Ø 7.5 × 11.9 Inches), with sunshield			
Weight	DH701	1.6 kg (3.5 lbs)			
	DH801*	2.6 kg (5.7 lbs)			
Power Source	DH701	DC 12V / AC 24V ± 10%			
	DH801*	AC 24V ± 10%			
Power Consumption	DH701	20 W			
	DH801*	65 W (with heater)			
Regulatory	CE, FCC, RoHS				