

# High Speed Dome Camera

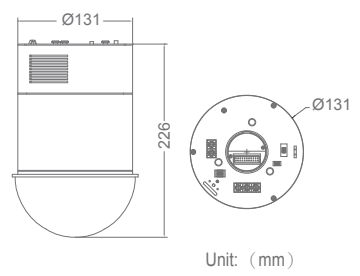
## DynaHawk™ 701 / 801+ Series



Integrated High Speed Dome Camera

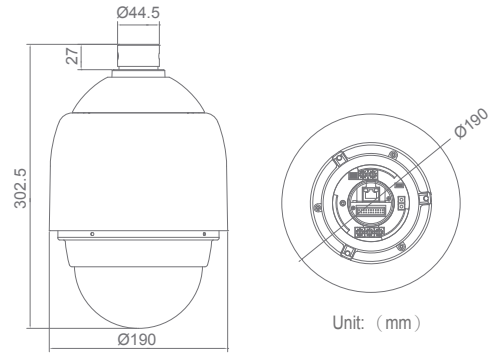
### Dimension

DH701 Integrated High Speed Dome Camera



### Dimension

DH801+ Integrated High Speed Dome Camera



### Features

#### Precise and Accurate Dome Camera Performance

- Preset speed up to 400°/sec.
- Preset accuracy of 0.225°
- Proportional Pan & Tilt Speed
- Preset Position / Auto-Pan / Sequence / Cruise
- Auto-Calibration
- Digital / Mechanical Image Flip (180°); *optional*

#### Dynamic Dome Camera Applications

- NEW** • Multi-language OSD
- Schedule function
- NEW** • Multiple built-in protocols
- Up to 24 privacy masks; *optional*
- 8 alarm inputs, 1 alarm output
- Motion Detection; *optional*
- Flexible indoor / outdoor mountings
- Compact lightweight design for easy installation
- Weatherproof housing
- NEW** • Integrated Pelco Coaxitron® support
- NEW** • Integrated BOSCH Biphas® support

#### Superior Camera Image Quality

- Minimum illumination 0.01 Lux (B/W)
- Digital Slow Shutter
- Electronic Shutter
- Wide Dynamic Range (WDR); *optional*
- Auto White Balance
- Backlight Compensation
- Auto Exposure
- Image Inverse; *optional*
- Electronic Image Stabilizer; *optional*
- Removable IR Cut Filter; *optional*
- Digital Noise Reduction; *optional*

## Specification

Item		R Model	G Model	M Model	V Model	P Model	T Model
<b>Camera</b>							
CCD Sensor		1/4" CCD	1/4" EXview CCD	1/4" CCD	1/4" EXview CCD	1/4" CCD	1/4" EXview CCD
Progressive Scan		-	-	Yes	-	Yes	-
Optical Zoom		22x	18x	23x	26x	35x	36x
Digital Zoom		1x ~ 12x variable					
Effective Pixels	NTSC	380 k					
	PAL	440 k					
Horizontal Resolution	NTSC	480 TVL	530 TVL	540 TVL	530 TVL	540 TVL	530 TVL
	PAL	480 TVL	530 TVL	540 TVL	530 TVL	540 TVL	530 TVL
Scanning System		NTSC / PAL					
Synchronization		Internal / Line Lock					
Video Output		1.0 Vpp / 75 ohm, BNC					
S/N Ratio		> 50 dB (AGC Off)					
Minimum Illumination		1 lux	0.07 lux, 0.01 lux (B/W)	0.1 lux, 0.01 lux (B/W)	0.09 lux, 0.01 lux (B/W)	0.1 lux, 0.01 lux (B/W)	0.1 lux, 0.01 lux (B/W)
Focal Length		4 ~ 88 mm	4.1 ~ 73.8 mm	3.6 ~ 82.8 mm	3.5 ~ 91 mm	3.4 ~ 119 mm	3.4 ~ 122.4 mm
Focus Mode		Auto / Manual					
White Balance		Auto / Manual					
Iris Control		Auto / Manual					
Electronic Shutter	NTSC	1/60 ~ 1/30k sec.	1/1 ~ 1/10k sec.	1/2 ~ 1/30k sec.	1/1 ~ 1/10k sec.	1/1 ~ 1/30k sec.	1/1 ~ 1/10k sec.
	PAL	1/50 ~ 1/30k sec.	1/1 ~ 1/10k sec.	1/1.5 ~ 1/30k sec.	1/1 ~ 1/10k sec.	1/1 ~ 1/30k sec.	1/1 ~ 1/10k sec.
AGC Control		Auto / Manual					
Back Light Compensation		On / Off					
<b>Operation</b>							
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° ~ 100°	-10° ~ 190°				
Manual Speed		0.5° ~ 90°/s					
Presets		256					
Preset Accuracy		0.225°					
Preset Speed		5° ~ 400°/s					
Sequence		8					
Auto-Pan		4					
Cruise		8					
Privacy Mask		-	24	8	24	8	24
Proportional Pan & Tilt		On / Off (Pan and tilt speed is proportional to zoom ratio)					
Resume after Power loss		Yes					
Zone Title		16					
Home Function		Preset, Sequence, Auto-Pan, Cruise					
Auto-Flip		Mechanical / Off	Digital / Mechanical / Off				
Digital Slow Shutter		-	On / Off	On / Off	On / Off	On / Off	On / Off
Electronic Image Stabilizer		-	-	-	-	On / Off	-
Motion Detection		-	On / Off	On / Off	On / Off	On / Off	On / Off
Wide Dynamic Range		-	On / Off	On / Off	On / Off	On / Off	On / Off
Day / Night: IR Cut Filter		-	On / Off	On / Off	On / Off	On / Off	On / Off
Image Freeze		-	On / Off	On / Off	On / Off	On / Off	On / Off
Image Inverse		-	On / Off	On / Off	On / Off	On / Off	On / Off
Digital Noise Reduction		-	-	-	-	On / Off	-
Alarm Input		8					
Alarm Output		1					
Alarm Reaction		Preset, Sequence, Auto-Pan, Cruise					
<b>General</b>							
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)					
Weatherproof Standard		IP 66 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					