

# Black Hawk Dome

.....with TWIN IR LAMPS

DOMES AND  
PREDATORS

MATRICES AND  
CONTROLLERS

RECORDING AND  
TRANSMISSION

FLAT SCREENS  
AND ANCILARIES

CAMERAS

## FEATURING INDUSTRY LEADING IP67



### External fully functional CCTV DOME with Dual IR Lamps

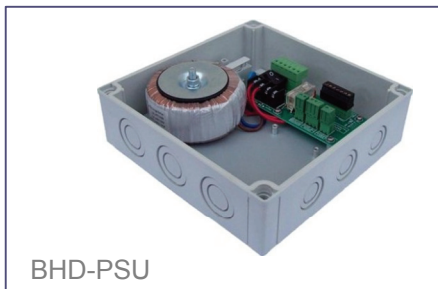
- Dual IR Lamps** ▶ Dual 830nm wide angle IR Lamps that pan and tilt with the Black Hawk Dome give excellent night time pictures for up to 70 metres.
- IP67** ▶ Industry leading IP67 certification giving "protection to withstand total immersion in water for 30 minutes"
- Multi Protocol integration** ▶ The Black Hawk Dome range comes with multi-protocols as standard allowing complete integration with many leading DVR's, Matrices and IP systems. Protocols built in include 'Twisted Pair' control from 360 Vision, Forward Vision, Pelco P/D, Honeywell, with 'In-Coax' control from 360 Vision, BBV FSK, and Pelco Coaxitron.
- On Screen Display (OSD)** ▶ The Black Hawk Dome OSD enables full access to all functions using either 3<sup>rd</sup> party protocols or 360 Vision control systems.
- Advanced Motion control** ▶ 360 Vision's extensive Dome range, is driven by 360 Vision's highly advanced motor control system, enabling extremely quiet, controllable and smooth with totally accurate operation and exact preset position selection.
- Economics** ▶ The Black Hawk Dome uses only the highest quality components for ultra reliability, combined with innovative design to support full remote diagnostics and reduce installation, operation and maintenance costs.
- Intelligent alarms** ▶ The intelligent alarm module allows up to 144 alarm inputs which can be remotely configured via the Vision Matrix or any compatible 3<sup>rd</sup> party system.
- Creative Privacy Zones** ▶ 32 privacy zones are available with simple joystick positioning and sizing.
- Colour/Mono cameras** ▶ The Black Hawk Dome range includes 18x, 28x, and 36x zoom with Autofocus featuring ExView camera technology which gives excellent low light performance. 360 Vision software enables the colour/mono switch over levels to be specific lighting conditions.
- Picture Freeze** ▶ The on-screen visible image can be frozen whilst the Black Hawk Dome moves to preset positions allowing efficient DVR recording.
- Fast Shutter option** ▶ For optimum performance with automatic number plate recognition systems.

BlackHawk Spec	18x Col/Mono	28x Col/Mono	36x Col/Mono
Colour/Mono	YES		
Imager	1/4" ExView HAD	1/4" Super HAD	1/4" ExView HAD
Zoom – Optical + Digital	18x, 12x	28x, 12x	36x, 12x
Zoom - total	216x	336x	432x
Line resolution	550		540
Pixels	752(H) x 582(V)		
Horizontal view angle	2.8°(T) ~ 48°(W)	2.1°(T) ~ 55.8°(W)	2.7°(T) ~ 57.8°(W)
Lens size	4.1 ~ 73.8mm	3.5 ~ 98mm	3.4 ~ 122.4mm
ExView Technology	YES	NO	YES
Min sensitivity – colour	0.7 Lux	0.25 Lux	1.4 Lux
Min sensitivity – colour int	0.04 Lux	0.016 Lux	0.1 Lux
Min sensitivity – mono int	0.01 Lux	0.0015 Lux	0.01 Lux
Signal noise ratio	>50dB		
Picture freeze	YES		
<b>FEATURES</b>	<b>All units have the following functions</b>		
Video output	1V p to p, 75Ω		
Scanning	PAL or NTSC		
Focus/Iris	Auto/Manual		
Presets	360		
Tours	4 (max 128 presets per tour)		
Learned Patrols	4 mimic tours – up to 30 minutes duration each		
Remote reset	Via OSD, IP network or dial up		
Dynamic privacy zones	Up to 32, 6 present on screen simultaneously, 4 levels of opacity		
Preset titling	YES ( via Vision Matrix)		
Telemetry	Coaxial or RS485		
Protocols - includes	360, Pelco P/D/Coaxitron, BBV Coax, Ultrak RS485, Forward Vision, VCL RS485/Coax		
Variable pan speed/coverage	0.1 ~ 120°/sec, 360° continuous rotation, absolute positioning		
Variable tilt speed	0.1 ~ 120°/sec, absolute positioning		
Tilt coverage	180°		
Auto homing	Goes to preset, tour or mimic tour after prescribed time		
Col/Mono changeover	4 levels ~ 3 fixed, 1 custom/user defined		
Line Lock	Enable/disable		
Operating temperature	-40 ~ 60°C		
Power	24Vac 60VA		
Recommended PSU	BHD-PSU		
Mounting options	Wall, Corner, Pole, Soffit		
Operational enhancements	Telemetry and power with opto isolation		
Certification	Safety Mark : CE approval; Ingress : IP67		

360BHD090611v2

All trademarks are used courtesy of registered owners. Black Hawk Dome is a registered trademark of 360 Vision Technology Ltd. The manufacturer reserves the right to change specifications without notice.

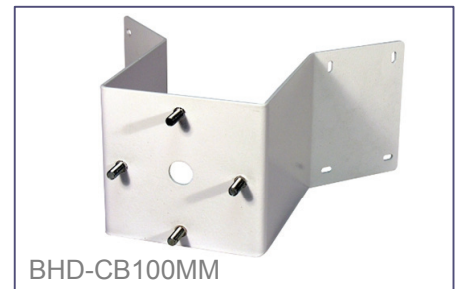
360 Vision Black Hawk Domes are covered by a 3 year warranty (excluding IR Lamps) valid from delivery date. Warranty cover is based on return to 360 Vision UK Factory with a pre-issued RMA number.



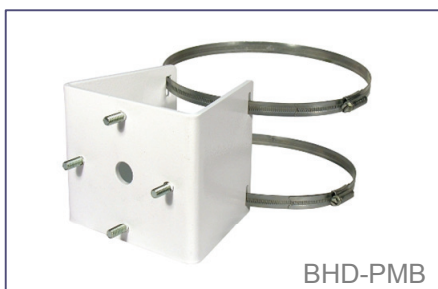
BHD-PSU



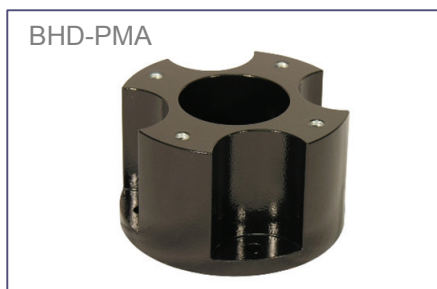
Wall Mount Version



BHD-CB100MM



BHD-PMB



BHD-PMA



World Class manufacturing  
in the United Kingdom

Tel: +44 (0) 870 903 360 1, Fax: +44 (0) 870 903 360 2, info@360visiontechnology.com

360 Vision technology Ltd, Unit 7 Seymour Court, Manor Park, Runcorn, Cheshire, WA7 1SY, UK