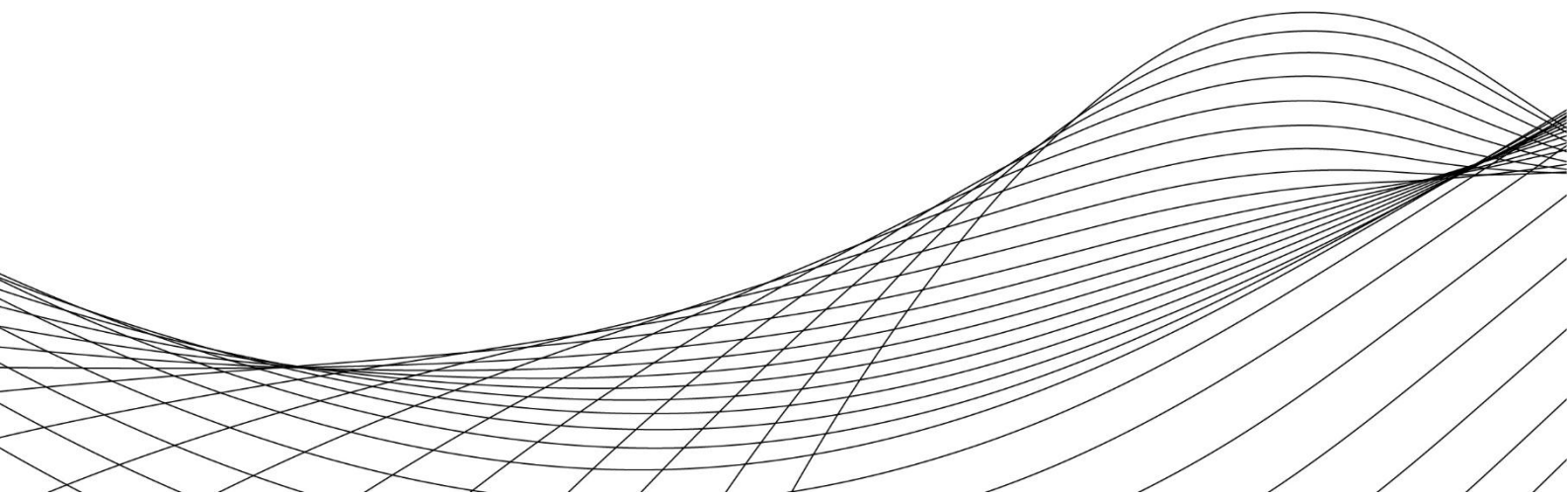


Guardian Bulb - 3MP Smart Wi-Fi Bulb PT Camera

PLC-HS301B

www.pollo.net.au

info@pollo.net.au



Key Features:

- ❖ Indoor light bulb–type Wi-Fi camera with standard E27
- ❖ 3MP HD resolution (2304×1296)
- ❖ 4mm F2.3 lens with wide viewing angle of 92° diagonal
- ❖ Pan & tilt support with 352° horizontal and 46.5° vertical rotation
- ❖ Dual night vision modes with infrared and white light up to 10 meters
- ❖ Supports full-color night vision and black-and-white IR night vision
- ❖ Pendulum IR-CUT filter for accurate color reproduction day and night
- ❖ Equipped with 12 IR + white LEDs and ≥6000K white light
- ❖ Built-in microphone and 1W speaker supporting clear two-way audio
- ❖ Echo cancellation and audible system prompt with 75dB indication tone
- ❖ Uses H.265 video compression
- ❖ Supports motion detection, human body filtering, and push alarms
- ❖ Adjustable detection sensitivity levels from 0 to 10
- ❖ Works on 2.4GHz Wi-Fi (IEEE 802.11 b/g/n) with up to 54Mbps
- ❖ Stable wireless performance Wi-Fi distance of ≥120 meters
- ❖ Supports TF card storage up to 128GB and secure cloud storage
- ❖ Managed through Cloud Edge mobile app on Android and iOS devices
- ❖ Allows remote live view, playback, intercom, and PTZ control
- ❖ Supports ONVIF, OTA firmware upgrades, QR code pairing
- ❖ operating temperature –10°C to 40°C for indoor use



Specifications:

Model	PLC-HS301B
Form Factor	Indoor light bulb Camera
Product Colour	White
Antenna	Plug-in Antenna - Stainless Steel Antenna
Materials	ABS
Waterproof level	Not support
Surface Finishing	matte face
Dimension(L*W*H)(mm)	Ø 71*154mm
Camera Lens	4mm, F2.3 aperture
Viewing angle	D:92°*H:77°*V:42°
Image circle	Ø6.9, 1G3P
Dimension	M12*22.9mm ;
Sensor Type	MIS2009
Resolution	2304*1296 Pixel
Night Vision	10M distance (850nm)
IR-LED	12pcs 3030 (infrared lamp + white light) *0.2W /10 meters (λ=850nm)
WHITE LED	white light colour temperature $\geq 6000K$
IR-CUT	Pendulum IR-CUT
Sensory threshold	Colour cut black: 0.8Lux; black cut colour: 8.5Lux
Working Indicator	Red and Green two-colour*1
WIFI module	RTL8188FTV, rate Max.54Mbps, open straight-line distance ≥ 120 meters
Mic	4015/Full duplex, sensitivity: $\geq -38\pm 3dBm$
Speaker	Diameter 23mm, round 8Ω/1W
TF Card	Max support 128G
Button Switch	Reset*1
Antenna	Plug-in Antenna - Stainless Steel Antenna*1
Horizontal angle	352°
Vertical angle	46.5°
Wi-Fi Maximum rate	54Mbps
Wi-Fi distance	open distance ≥ 120 meters
Wi-Fi standard	IEEE 802.11 b/g/n, single frequency 2.4G
Power Supply	AC 100-240VAC-50/60HZ (rated value)
Operational power consumption	Max 4.5W
Input port	TF Card*1, Mic*1, E27*1
Output port	Speaker*1 ;
key type	Tact Switch*1
Indicator light	Red and green indicator light*1

Echo cancellation	Support
Two-Way Talk	Support
Start-up the bell	Support
Reset the bell	Support
Effective Volume	Indication tone 75dB @ 0.5m
Compression method	G.711a, ADPCM
Video Format	H.265
Video frame rate	Day : 15fps ; Night : 15fps;
Resolution & frame rate	2304*1296 Pixel
Infrared night vision	10 meters black and white night vision
Full color night vision	Support
Switch mode	Automatic
Android	Android 4.3+
IOS	IOS 9.X+
Mobile APP	Cloud Edge
Cloud platform	Amazon
Language	China, English, France, Germany, Italy, Spanish, Japan
Basic function	Support configuration/real-time browsing/screenshot/playback/cloud platform/intercom/volume/video adjustment/recording/album/format SD card
Communication Protocol	WIFI
On line visitor	Max 5 users
Type of Alarm	Timing alarm, area alarm, push alarm
Motion Detection	Support
Mobile tracking	Support
Human Body Filtering	Support
Detection Sensitivity	Level 0-10, default 6
Video tracking	HD/SD
Remote control and monitoring	Support
Power failure memory	Support
Onvif	Support
Pairing	QR code add, AP hotspot
Live browsing	Open the mobile APP, activate the camera, and the drawing time is less than 3 seconds
Storage Class	Local storage, cloud storage
OTA upgrade	Support
Internet working green light	preview image
Slow flash	
Internet working green light	Un-previewed image
Always bright	
Running Green light Always bright	networking

Running Green light Slow flash	running normally
Network status to be configured red light Slow flash	The device enters this state when it is powered on and no network is configured Duration: until exiting the network to be configured state
Distribution network status red light Quick flash	Duration: Until the network is configured successfully
Upgrade status green light Quick flash	Until the upgrade succeeds or fails - (the green light is always on when the upgrade is successful)
offline status red light Red Quick flash	The network status is the same as device
Reset button	The device resets and enters the distribution network state
Definition of button time	Long press: more than 5S
Reset the device	Indicator status for normal connection:
	Slow flashing red light -> fast flashing red light -> steady green light
	The red-light flashes slowly and the network is not configured. After the user connects to the 2.4G network and scans the code for the device, the red-light flashes quickly.
	The red-light flashes quickly to indicate that it is connecting to the server
	The green light is always on, indicating that the device has successfully configured the network and is in the online state
Restart the device	Slow flashing red light > fast flashing red light > steady green light
Broken network	Red light Quick flash
Bulb Holder	E27
User Manual	English folding page
Package	Colour box, inner tray, carton;
Installation	E27 screw - for hanging
certification	CE-RED, FCC-ID, ROHS
Temperature setting	working : -10 ~ 40 °C, Humidity <95% Storage : -20 ~ 50 °C, Humidity <95%