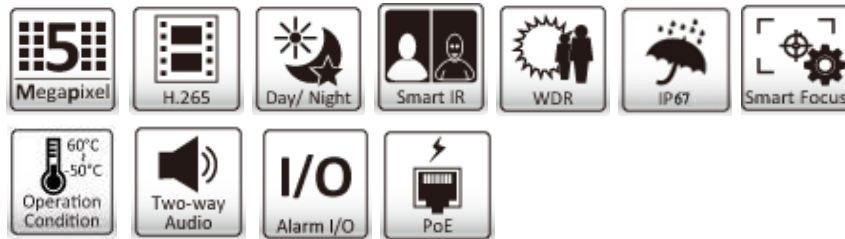


# CHAMP BL7305 5MP Motorized P-iris Outdoor Bullet



- H.265, 50% lower bitrate
- 2560 x 1920 @ 30fps
- Motorized lens + P-iris
- Adaptive IR 50m
- -50°C Low Temperature



The all new CHAMP BL7305 camera has it all. Latest H.265 compression to cut bandwidth and storage requirements in half. WDR to handle the most challenging lighting conditions. Superior low-light sensitivity that still sees when you don't. Adaptive IR Pro that not only automatically adjusts the power of the IR illuminators, but also it's angle, to fit the view angle of the motorized lens, which can be easily focused by the Smart Focus function, remotely of course. Built-in fan and heater allow the camera to operate in the most extreme environments (-50°C to 60°C).



The BL7305 can be used in all kinds of applications, ranging from traffic, airports to public area surveillance and extreme applications. Compatible with CHAMP NVR Software, the most professional NVR software for free bundled can support up to 32 IP cameras and plug-and-play cloud solution, you can easily setup a surveillance system from mobile devices, PC or laptop without any extra cost.

### Related models

Model Name	BL7302	BL5302	BL7305
Feature	Outdoor Vandalproof	Outdoor Vandalproof	Outdoor Vandalproof
	Full HD 1080p, H.265	Full HD 1080p, H.264	5MP, H.264
	WDR extreme	-	-
	Motorized + P-iris	Motorized + P-iris	Motorized + P-iris
	Adaptive IR 40m	Adaptive IR 40m	Adaptive IR 50m
	-50 ~ 60°C	-50 ~ 60°C	-50 ~ 60°C

## Features

- 30 fps @ 2560 x 1920, 60fps @ 1920 X 1080
- H.265 saving 50% bandwidth
- Motorized 3.6 - 10 mm, F1.5, P-iris, Smart focus
- Adaptive IR 50m
- WDR
- Smart feature: Adaptive IR, Corridor Mode, ROI
- Defog
- RS-485 supports pan/ tilt motors
- Two-way audio, line in and line out
- 1 x alarm input, 1 x alarm output
- Edge storage
- -50°C low temperature
- IP67 weatherproof
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.4 and Profile S compliant
- Free 32-channel CHAMP NVR software

## WDR Extreme



WDR off



WDR on

## Applications



1. City Surveillance
2. Industrial

## IP Surveillance Solutions

### • Free 32ch NVR Software

The most professional NVR software you can get for free!

- Support up to 32 channels
- Up to 32 channels remote live view
- Remote playback 4 channels
- Multi-site / multi-server
- Transcoding (record high quality, transcode to different resolution/ frame rate for remote client to save bandwidth)
- iOS/ Android mobile client (multi-channel live view | playback | PTZ & I/O control)
- E-maps (up to 4 layers | unlimited number of maps | video preview)
- Dual monitor
- ePTZ
- Multi-lingual user interface

\*32ch free license for CHAMP cameras, but need to activate license for other brand



### • ONVIF

All IP cameras are ONVIF 2.x & Profile S compliant, and continuously upgraded to comply with the latest versions



# Technical Specifications

Camera	
<b>Model</b>	BL7305 5MP Motorized P-iris Outdoor Bullet
<b>Image sensor</b>	1/1.8" megapixel CMOS sensor
<b>Lens</b>	F1.5, 3.6 - 10 mm motorized, P-iris lens
<b>Angle of view</b>	42° - 109° horizontal
<b>Min illumination</b>	0.05 lux @ F1.5 (color) 0.005 lux (B/W) 0 lux (IR LED on)
<b>IR working distance</b>	50m effective range Adaptive IR, adjustable brightness via FW
<b>IR LEDs</b>	6pcs (850nm)
<b>Day/Night function</b>	Mechanical IR cut filter

Video	
<b>Video compression</b>	H.264 baseline/ main profile/ high profile H.265
<b>Resolutions</b>	1. 5MP Mode 2 profiles with 6 resolution from 2560 x 1920 to 640 x 360 2 profiles with 2 resolution from 640 x 480 to 640 x 360 2. 2MP Mode 2 profiles with 4 resolution from 1080 x 720 to 640 x 360 2 profiles with 2 resolution from 640 x 480 to 640 x 360
<b>Frame rate</b>	H.264/ H.265: up to 60 fps at 2MP Mode, 30 fps at 5MP Mode

<b>Video streaming</b>	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
<b>Image settings</b>	Rotation: mirror, flip, mirror flip WDR Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, corridor mode Defog

Audio	
<b>Audio streaming</b>	Two-way (full duplex) Line in/ line out
<b>Audio compression</b>	G.711 μ law, a law/ G.726/ AMR

Network	
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
<b>Users</b>	10 simultaneous users

Alarm and Event Support	
<b>Alarm and event management</b>	Input: network link down, alarm input, motion detection, periodical, audio detection Output: network storage, FTP, SMTP, HTTP event, alarm out, HTTP server Pre- and post alarm buffer

System	
	RJ-45 for Ethernet 10/100/1000 Base-T (with PoE) 2 pin terminal blocks for DC power Smart Focus control buttons Terminal blocks for alarm input/ alarm output Line in/ line out Reset push button NTSC/ PAL switch RCA connector for analog video output

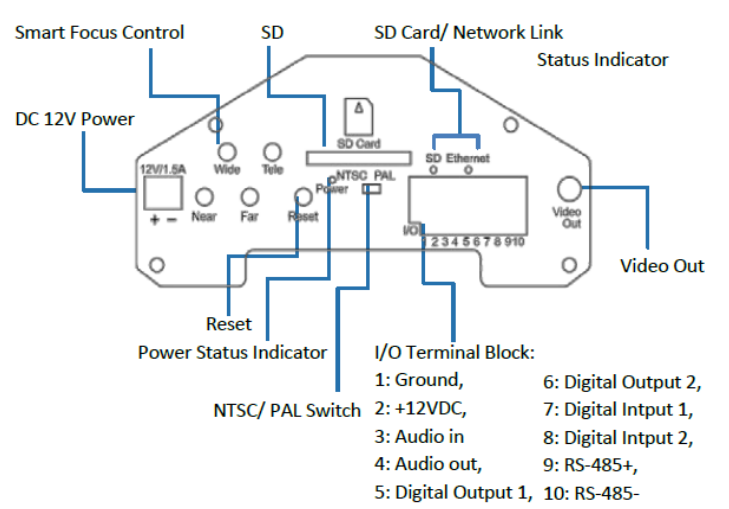
<b>Local storage</b>	SD/ SDHC/ SDXC card slot Power status indicator Network link indicator SD card status indicator
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<b>Software integration</b>	ONVIF 2.4 & Profile S
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General	
<b>Casing</b>	Aluminum casing
<b>Housing</b>	IP67 rated weatherproof housing
<b>Power</b>	12V DC, 2A Power consumption: Max 19.5W PoE (Power over Ethernet) built-in IEEE 802.3af/ at(Class 0)
<b>Operating conditions</b>	-50 ~ 60 °C (-58 ~ 140 °F)
<b>Installation, management, and maintenance</b>	camera management tool and web - based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at <a href="http://www.champsolution.com">www.champsolution.com</a>
<b>Dimensions</b>	383 x 152 x (15.1" x 6.0" x 9.6")
<b>Weight</b>	2170g (4.78lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, mounting and connector kits
<b>Certification</b>	CE, FCC, RoHS

Integration	
<b>Video management software</b>	CHAMP software, for viewing, recording and archiving up to 32 cameras

## Part Names and Functions



## Dimensions

