

# B6330 | Bullet 3MP Motorized Outdoor IR Camera

www.zavio.com

**ZAVIO**  
Innovating IP since 2006



- 1/2.8" 2MP CMOS sensor
- Motorized lens 2.8-12mm, F1.6, P-Iris
- Smart Codec + H.265
- 3MP @ 30fps
- 120dB WDR
- Smart Focus
- 50m IR range with Smart IR
- ROI (Region Of Interest)
- Operating conditions -30~ 60°C
- Micro SD/SDHC/SDXC card slot up to 128GB
- Two way audio (full duplex)
- 2 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- IP66
- ONVIF 2.4 & Profile S

ZAVIO B6330 outdoor bullet camera is full featured, yet compact and affordable. Latest H.265 compression to cut bandwidth in half, with ZAVIO's smart codec feature further lowering bandwidth and storage consumption to 80% less than normal H.264 cameras. True WDR to handle the most challenging lighting conditions. Superior low-light sensitivity that still sees when you don't. Smart Focus function which automatically focuses in a second, remotely of course.

The B6330 can be used in all kinds of applications, outdoors and indoors. Comes with ZAVIO CamGraba 2.0, the most professional VMS software you can get for free, with support for up to 64 IP cameras.

## Optional accessories

**Accessory:** Junction box  
**Item number:** AZ-M01  
**Dimensions:** 119 x 39mm  
**Compatible with:** B6220, B6330, B6530, B6210, B6320, B6520, D6210, D6320, D6520

Junction box



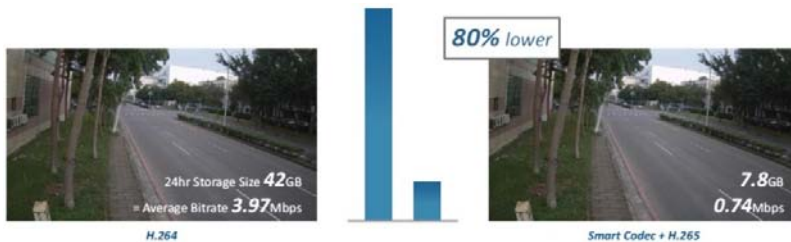
B6330 with junction box



### Features

#### Smart Codec + H.265

ZAVIO Smart Codec + H.265 reduces bandwidth and storage requirements by a stunning 80% compared to standard H.264 camera.



WDR off



WDR on

#### WDR

Cameras with WDR will take multiple exposures of the full scene and merge them together to provide an image that extends further than the human eye can perceive.

#### Smart IR

Smart IR automatically adjusts brightness of the IR illuminators to the scene content, effectively avoiding overexposure of objects that are too close to the camera.



Conventional



P-iris



#### P-iris

P-iris allows objects at different distances from the camera to be focused simultaneously - providing images with better contrast, clarity, resolution and depth of field.

#### ROI (Region Of Interest)

Defining a Region Of Interest will allow you to spend less bandwidth in areas that are less important while relocating resolution on the most relevant areas.



## Technical Specifications

Camera	
Camera Type	3MP Motorized Outdoor IR Bullet
Image sensor	1/2.8" CMOS sensor
Lens	Motorized 2.8-12mm, F1.6, P-iris
Horizontal view angle	96° - 35°
IR working distance	50m effective range with Smart IR
Min illumination	0.01 lux @ F1.6 (color) 0.001 lux @ F1.6 (B/W)
WDR	120dB
Day/Night function	Mechanical IR cut filter, Light sensor

Video & Audio	
Resolutions	Motion JPEG/H.264/H.265: 2 Profile from 2048 x 1536 to 320 x 240 (total 6 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions)
Video compression	Motion JPEG H.264 baseline/ main profile/high profile H.265
Frame rate	H.265/H.264: up to 30 fps at 3MP Motion JPEG : up to 30 fps at 1080p, 15 fps at 3MP
Video streaming	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI 3D DNR Defog
Audio support	Two-way (full duplex)
Audio compression	G.711 u law, a law, G.726, AMR

I/O & Connector	
Ethernet	RJ-45 Ethernet 10/100 Base -T
Power Supply	DC Jack, 12V DC, 1A Power consumption: Max 7.2W PoE(Power over Ethernet) built-in IEEE 802.3af
Alarm I/O	Terminal block, 2/1
Audio connector	RCA, line in & line out
Analog video output	-
RS-485	-
Edge storage	Micro SD/SDHC/SDXC up to 128GB
Buttons	Reset push button
Other(s)	-

Alarm & Event	
Input	Alarm buffer, alarm input, motion detection, audio detection, periodical, network link down.
Output	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

Network	
Users	10 simultaneous users
Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
ONVIF	2.4 & Profile S

General	
Housing	Aluminum Alloy
Ingress Protection	IP66 rated weatherproof housing
Impact Protection	-
Other(s)	-
Operating conditions	Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30~ 60°C Humidity 10-100% RH
Dimensions(HxWxD)	φ96 x 263mm, incl. bracket
Weight	750g excl. power supply
Included accessories	Quick installation guide, mounting and connector kit.
Optional accessories	Junction box
Certification	CE, FCC, RoHS
Language	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish

System Requirements	
Operating system	Windows XP / 7 / 8 / 8.1, MAC OS, Linux
Browser	Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari

Software	
Video management software	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras.
Installation, management and maintenance	ZAVIO Installation Tool makes camera management easier with camera image preview, firmware upgrade of multiple cameras, reset cameras to default while keeping network settings, etc.

