BL3102 2MP
IR Mini Bullet

CHAMP

– **Full HD 1080p**

– **ROI**

– **Corridor Mode**

Outdoor	2 Megapixel	H.264	Day/ Night	IR 15M	ROI	Corridor Mode
3-axis Design	Cable Management	PoE	IP66	Motion Detection		

BL3102 2MP Best-in-class image quality and essential features in an affordable and compact package. 1080p resolution, H.264 compression, IR LEDs, PoE and IP66 weatherproof, fitting the bill for most applications where a clear image day and night is all that's needed.

RoI (Region of Interest) spends your precious bandwidth and storage on the areas that really matter to you, and Corridor mode allows for vertical "portrait"-shaped video streams, that help you to make the most of your field of view in staircases, aisles, tunnels and many more.

Onvif

Features

- Full HD 1080p
- 1/2.8" CMOS sensor
- H.264 and Motion JPEG compression
- 25 fps at 1920 x 1080
- 3.6 mm, F1.8, Fixed lens
- True day & night with automatic removable IR-cut filter
- Smart feature: Corridor Mode, ROI
- IR 15m range
- RTC with built-in battery

- Motion detection
- IP66weatherproof
- Screwless 3-axis angle adjustment for easy instalation on walll or ceiling
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.4 and Profile S compliant
- Free 32-channel NVR software

ROI

Vague   ROI   Clear

Corridor Mode

Nomal   Corridor Mode

Applications

1. Education
2. Residential
3. Retail

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

Onvif
Driving network video through global standardization

For design help, accessories or pricing, please contact:
sales@avsupply or call: 1-858-565-1101

Technical Specifications

Camera

Model	BL3102 2MP IR Mini Bullet Camera
Image sensor	1/2.8" CMOS sensor
Lens	3.6 mm, F1.8
Angle of view	70° horizontal
Min illumination	0.05 lux @ F1.8 (color)
	0.005 lux (B/W)
	0 lux (IR LED on)
IR working distance	15m effective range
Day/Night function	Mechanical IR cut filter
	Light sensor

Video

Video compression	Motion JPEG
	H.264 baseline/ main profile/high profile
Resolutions	Motion JPEG:
	5 resolutions from 1920 x 1080 to 320 x 240 via API
	3 resolutions from 640 x 480 to 320 x 240 via API
	H.264:
	5 resolutions from 1920 x 1080 to 320 x 240 via API
	3 resolutions from 640 x 480 to 320 x 240 via API
Frame rate	Motion JPEG: up to 25 fps at 1920 x 1080
	H.264: up to 25 fps at 1920 x 1080
	Simultaneous Motion JPEG, H.264
	Controllable frame rate and bandwidth
	Support unicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror+ flip
	WDR enhanced
	Brightness, contrast, saturation, sharpness
	Overlay capabilities: Time stamp, Title, Title & Time stamp
	Privacy mask

Network

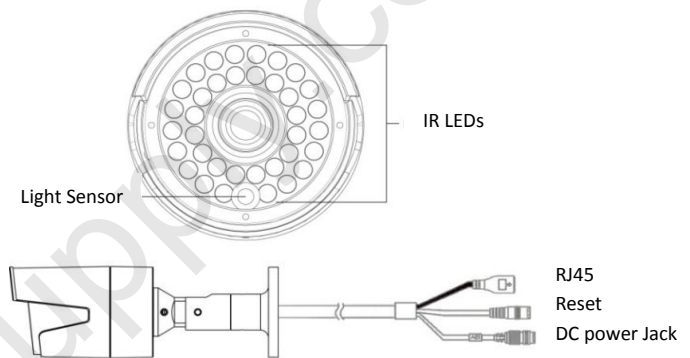|	
Security	Multiple user access levels with password protection, HTTPS encryption
	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
Users	5 simultaneous users

Alarm and Event Support

Alarm and event	Input: motion detection, tampering detection, periodical
	Output: network storage, FTP, SMTP, HTTP event
	Pre and post event image

System

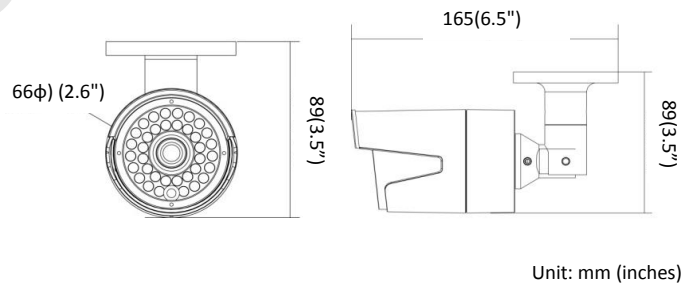|	
	RJ-45 Ethernet 10/ 100 Base-T(with PoE)
	Reset push buttom
	DC 12V power supply
	ONVIF 2.4 & Profile S

General

Casing	Metal housing
Housing	IP66 rated weatherproof housing
Power	12V DC, 1A
	Power comsumption: Max. 14W
	PoE(Power over Ethernet) built-in IEEE 802.3af
Operating conditions	-10 ~ 60 ℃
Minimum web browsing requirement	Pentium 2.8GHz (or equivalent AMD)
	256MB RAM graphic cards
	(or equivalent on-board graphic cards)
	1G RAM
	Windows 2008, XP, Vista or Windows 7
	Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	φ66 x 165 x 89mm, incl. bracket
	(φ2.6" x 6.5" x 3.5")
Weight	500g excl. power supply
Included accessories	Quick installation guide, CD (Camera Installation Tool, Video Management Tool, User Manuals, Camera Language Packs) mounting and connector kits
Certification	CE, FCC, RoHS

Part Names and Functions

IR LEDs

Light Sensor

RJ45
Reset
DC power Jack

Dimensions

165(6.5")

66φ) (2.6")

89(3.5")

89(3.5")

Unit: mm (inches)

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