

# Standard IR Bullet Camera with Motorized Lens



## Features That Make a Difference:

- 1/1.8" Progressive Scan CMOS
- Full HD1080p video
- Up to 30fps frame rate
- Ultra-low light
- Slow shutter
- 120dB WDR
- 3D DNR
- Up to 50m IR range
- Motorized lens with Smart Focus
- Support audio/alarm I/O
- Support 128G on-board storage
- DC12V/PoE
- IP67
- IK10



The Illustra Standard IR Bullet Camera by American Dynamics comes with a motorized lens and has several intelligent functions in-built for high-quality video surveillance. Additionally, this Full HD Camera Model ADCi350-B111 comes with a rich feature-set that includes 120dB WDR, PoE, Defog, and 3D DNR to meet a wide variety of Video Surveillance applications.

## Superior IR Performance

An in-built IR covering up to 50 meter range provides high quality colored images in low light conditions. The intelligent IR prevents over-exposure at close distances while an IR anti-reflection panel increases infrared light transmittance for better performance in low light environments. The camera incorporates a motorized lens for zooming into an object for better investigation.

## Built-in Intelligence

With a host of intelligent features and functions, the camera makes video surveillance easy for security professionals. The functions include Intelligent Detection and Intelligent Codec. Intelligent Detection includes comprehensive intelligence features such as Intrusion Detection, Line Crossing Detection, Scene Change Detection, Audio Exception Detection, Defocus Detection and Face Detection.

The Intelligent Recording function supports Edge Recording as well as Dual-VCA. The versatile Intelligent Codec function supports Low Bit rate, Low Latency, ROI Enhancement, Multi-stream, and Rotate Mode!

## Camera Function

The resolution of the Camera is Full HD (1920 × 1080) @25/30fps. It supports H.264/MJPEG video compression, multi-level video quality configuration and Basic/Main Profile H.264 encoding complexity. The Camera supports Regional Cropping of the image to save on bandwidth with details of the Region of Interest being clearly visible. Code Smoothness setting

is supported for different requirements of image quality and fluency. In backlight situations, the camera supports 120 dB WDR, BLC and defog.

The intuitive and user friendliness of the Camera's configuration screen is achieved through implementation of "Multiple OSD Color: Black & White Self-adaptive" and Custom Font Color Setting option.

This IR Bullet Camera with motorized lens has standard in-built support to 128GB Micro SD/SDHC/SDXC card storage, 10M/100M Ethernet Port, Audio I/O, dual channel stereo audio, Alarm I/O and CVBS analog output (4CIF resolution). An "AFF" Automatic Fast Focus feature maintains focus during zooming.

## ONVIF Support

The Camera supports the ONVIF (profile S) protocol, three streams and 20 channels live view at the same time, providing flexibility of Video Stream Recording, live view at different resolutions and bitrate configuration options.

## Ideal for Outdoor Applications

Ingress Protection is at the IP67 level with anti-thunder, anti-surge, anti-static protection that makes this camera ideal for Outdoor Video Surveillance applications.

## Authentication Support for Higher Security

Additionally, for greater security, the Camera supports three-level user authentication – management, user and password authorization, IP address filtering and anonymous access. Other vital security features include security certificates such as HTTPS, SSH, Support Creating Certificate and the Lock User IP feature for many times error login. Basic authentication is supportable in IE (web browser) configuration.

## Specifications

ADCi350-B111			
Camera		Network	
Image Sensor	1/1.8" Progressive Scan CMOS	Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Min. Illumination	0.002 Lux @ (F1.2, AGC ON), 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR	Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Shutter Speed	1/3s ~ 1/100,000s	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Slow Shutter	Support	Security	User Authentication, Watermark, IP address filtering, Anonymous access
Lens	2.8-12mm @ F1.4, angle of view: 90.1°~31°	Standard	ONVIF(PROFILE S)
Lens Mount	AF -automatic focusing and motorized zoom lens	Interface	
Auto-iris	DC drive	Audio (-S)	1-ch 3.5 mm audio in (Mic in/Line in) /out interface
Day & Night	IR Cut Filter	Communication Interface	1 RJ45 10M/100M Ethernet port
WDR	120dB	Alarm (-S)	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
SNR	≥ 50dB	Video Output (-S)	1Vp-p composite output (75 Ω/BNC)
Compression Standard		On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Video Compression	H.264/MJPEG	Reset Button	Yes
H.264 Type	Baseline Profile / Main Profile	Intelligent Feature-set	
Video Bit Rate	32 Kbps – 8 Mbps	Behavior Analysis	Line crossing detection, Intrusion detection
Audio Compression	G.711/G.722.1/G.726/MP2L2	Line Crossing Detection	Cross a pre-defined virtual line
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)	Intrusion Detection	Enter and loiter in a pre-defined virtual region
Image		Exception Detections	Scene change detection, Audio exception detection, Defocus detection
Max. Resolution	1920 x 1080	Recognition	Face detection recognition
Frame Rate	50Hz: 25fps(1920 x 1080, 1280 x 960, 1280 x 720), 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720)	General	
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 1fps(1920 x 1080); 60Hz: 1fps (1920 x 1080)	Protection Level	IP67 and IK10
Image Enhancement	BLC/3D DNR/ROI	Operating Conditions	-30°C – 60°C (-22°F – 140°F), Humidity 95% or less (non-condensing)
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser	Power Supply	12 V DC ± 10%, PoE (802.3at)
Day/Night Switch	Auto/Schedule/Triggered by Alarm In	IR Distance	Up to 50m
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24bit bmp format	Power Consumption	Max. 12W
		Dimensions	100×103.9×311.8 mm (3.94" × 4.09" × 12.28")
		Weight	2000 g (4.41 lbs)

## Ordering Information

SKU No.	Illustra Model	Description
ISL02B1BNWTT	ADCi350-B111	2MP IR Bullet with 2.8-12mm varifocal motorized zoom lens

## Related Products



VideoEdge



victor



exacqVision

## Approvals



Driving network video through global standardization

[www.tycosp-apac.com](http://www.tycosp-apac.com)