![ALIBI — High Definition Surveillance]

1080P FULL-HD 23X ZOOM
656′ IR WDR DAY/NIGHT OUTDOOR
PTZ SPEED DOME IP CAMERA

Ultra-low-light technology enables the
PTZ camera to see up to 656′ in the dark

+ 1920 x 1080 (1080p) -HD video resolution @ 30 fps

+ 23x optical zoom and 16x digital zoom

+ This camera features Advanced Infrared Technology, which includes:

  • Smart IR reduces over-exposure of the IR LEDs at the center of the image

  • Full Frame Illumination produces a wider illumination spread and
    reduces video noise, while reducing bandwidth consumption

+ Ultra-low-light technology enables the camera see up to 656′ in the dark

+ True day/night (ICR) captures sharp, detailed images day and night

+ Enhanced imaging with True WDR and 3D-DNR

+ Smart auto tracking detects and tracks progressively moving
  objects within the camera's coverage area

+ 360° continuous rotation and -20°~90° tilt

+ IP66 weather rated

+ ONVIF Profile S compliant and ONVIF Profile G approved

+ Operates on 24 Vac or via high-PoE midspan injector

+ Micro SD card slot supports up to 128GB micro SD cards
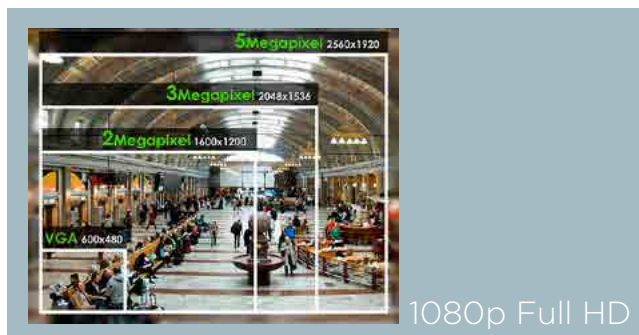
+ Free Alibi Witness iOS/Android mobile app

What's Included

+ High-PoE midspan injector
+ Mounting template
+ Set mounting hardware
+ CD ROM (User's guide
  and installation tools)
+ Quickstart guide

ONVIF | S

1080P IP

FEATURES

1080p Full HD

Megapixel Resolution – Cover more area and see more
detail. Megapixel cameras can cover a larger area without
compromising image quality. Megapixel resolution cameras
deliver high-definition images with much greater detail.
They are ideal where a greater level of detail is needed, such
as for facial recognition and license plate identification.

Auto Tracking – Detect and track activity. The camera's
smart auto tracking feature detects and tracks progressively
moving objects within the camera's coverage area.

Without Smart IR   With Smart IR

Smart IR – Captures clear, sharp images in low light. Smart
IR (smart infrared) automatically adjusts the amount of
infrared light used to illuminate a scene as the subject
moves closer to or further away from the camera, resulting
in optimal exposure and a sharp, clear image that is neither
washed out or too dark.

FEATURES

Full Frame Illumination – Illuminates more area. Full Frame Illumination (FFI) delivers a wider IR illumination spread and produces a brighter, clearer picture in low light and at night – without hot spots. FFI reduces video noise, for a clearer image, along with reducing bandwidth consumption and video storage requirements.
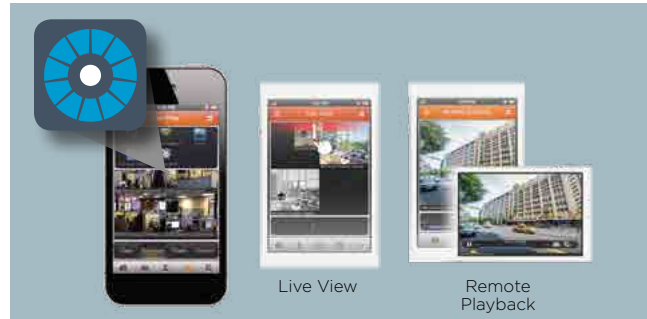
With DNR   Without DNR

3D Digital Noise Reduction (3D-DNR) – Get exceptional video image quality with less noise. 3D-DNR incorporates frame-to-frame noise reduction with spatial noise reduction to produce clear video images with less noise, in low light conditions. Noise reduction is critical for video because noise affects image quality. Cameras with 3D-DNR produce sharper, more accurate video images.

True Wide Dynamic Range (WDR) – Gain better images in diverse lighting conditions. This feature enables the camera to take multiple images while capturing video at different exposure levels. It combines the images for the best balance, and compensates for lights and darks for perfectly exposed images in both bright and shadowed areas of a diversely lit scene True WDR also reduces video noise.

True Day/Night (ICR) – Enjoy around-the-clock surveillance. Our day/night cameras with true day/night (ICR) deliver a sharp image in low light and nighttime conditions. An IR cut filter blocks out infrared light to produce true-to-life color images during the daytime. In low light conditions and at night, the filter is removed, letting infrared light pass through to provide crisp, well-defined black and white images.

Camera Motion Detection – Get a visual alert. This feature provides a visual indicator on the monitoring screen when motion is detected within the camera's field of view, so that an operator is quickly alerted when activity is detected.

Privacy Zone Masking – Keep desired areas private. This feature enables you to set zones for select areas within the camera's field of view, that need to be excluded when viewing and recording video. These areas are overlaid with a privacy mask so that video of the specified zones cannot be viewed or recorded.

Live View   Remote Playback

Free Alibi Witness iOS/Android App – View your video remotely from anywhere. Enjoy convenient remote access from your iOS or Android device with a FREE app.

ONVIF Profile S Compliant – Enjoy greater compatibility with more devices. This product conforms to ONVIF (Open Network Video Interface Forum) specifications for IP-based security products. ONVIF defines a common protocol for the exchange of information between different network video devices from different manufacturers, to allow greater interoperability in multi-vendor network video systems.

SPECIFICATIONS

CAMERA	
Image Sensor	1/1.9" CMOS
Scanning Mode	Progressive Scan
Resolution	Up to 1920 x 1080
Effective Pixels	Approx. 2.1 Megapixel
Minimum Illumination	Color: 0.02 Lux (F1.6, AGC On) B/W: 0.002 Lux, 0 Lux (IR ON)
Day/Night	True Day/Night ICR
Wide Dynamic Range	120 dB
Electronic Shutter (sec)	1 ~ 1/30,000
Gain Control	Auto/Manual
White Balance Mode	Auto/Manual/ATW/Indoor/Outdoor/Daylight Lamp/ Sodium Lamp
Noise Reduction	3D DNR
IR Illuminators	Smart IR Array, Adjustable by zoom, 850nm
IR Array Range	656 ft
IR Sensitivity	700 - 1100nm
Panning Range and Speed	0° ~ 360° endless, Max 160°/Sec
Tilting Range and Speed	-20° ~ 90°, Max 120°/Sec

LENS	
Lens Type	Varifocal
Focal Length	5.9 ~ 135.7 mm
Iris	Auto
Focus	Auto/Semiautomatic/Manual
Horizontal Viewing Angle	59.8° (Wide) ~ 3.0° (Tele)
F-number	F1.5 ~ F3.4

VIDEO	
Video Compression Format	H.264 (Baseline/Main/High Profile), MPEG-4, MJPEG
Codec Streaming Capability	Tri Streaming
Maximum Frame Rate	30fps @ 1080p
Bit Rate	32 kbps ~ 16 Mbps
Bit Rate Mode	CBR, VBR

AUDIO	
Audio Streaming	Two-way
Audio Compression Format	G.711ulaw/G.711alaw/G.726/MP2L2/G.722

PAN AND TILT	
Smart Tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger/ Region entrance trigger/Region exiting trigger/ Smart tracking when patrol between multiple scenarios
Number of Presets	300
Patrol	8 Patrols, Up to 32 presets per patrol
Pattern	4 Patterns
PTZ Position Display	On/Off

OPTIONAL ACCESSORIES

ALI-PTZWB
Wall Mount Bracket

ALI-PTZCM
PTZ Corner Mount Bracket

ALI-PTZCL
PTZ Ceiling Mount Bracket

ALI-PTZPM
Outdoor Pole Mount Bracket

ALI-PTZPPT
Outdoor Parapet Roof Mount

SPECIFICATIONS

FEATURES	
Motion Detection	Yes
Event Notification	Alarm Output, Email, FTP
Privacy Mask	Yes
ROI Encoding	Up to 24 areas with adjustable levels
Defog	Yes
Video Analytics	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, Audio exception detection, Tamper Detection

INTERFACE	
Ethernet	RJ-45 10/100 BASE-T
Audio Input	1x In
Audio Output	1x Out
Sensor Input	7x In
Alarm Ouput	2x Out
SD Card Slot	1x SD/SDHC/SDXC (up to 128GB)
Video Output	1x BNC

NETWORK	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, ONVIF, PSIA
Security	User authentication (ID and PW), Host authentication (MAC address), IP address filtering
Network Storage	NAS (Support NFS, CIFS/SMB)

GENERAL	
Power Requirements	High-PoE / 24 Vac
Power Consumption	High-PoE: Max. 30 W (Heater Off) / Max. 50 W (Heater On) 24 Vac: Max. 20 W (Heater Off) / Max. 65 W (Heater On)
Weight	17.63 lbs.
Dimensions	16.52″ H x 10.49″
operating Temperature	-40°F ~ 149°F
Operating Humidity	0% ~ 90% RH, Non-condensing
Ingress Protection	IP66
Color	Beige/Black
Material	Aluminum (Body) / Polycarbonate (Lens Cover)
Approvals	CE, FCC, RoHS

SYSTEM REQUIREMENTS	
Operating System	Windows XP/VISTA/7/8/10, Mac OSX
Processor	Intel Pentium 4 3.0 GHz or later
Memory	1 GB or above RAM
Display	1024 x 768 resolution or higher
Web Browser	Internet Explorer 6.0 or above, Apple Safari 5.02 or above, Mozilla Firefox 3.5 or above

SUPPLIED ACCESSORIES	
	CD ROM (User's Guide, Installation Tools), Quickstart Guide, High PoE Midspan Injector, Installation Hardware