

A810

5MP Deep Learning AI 5x Outdoor Zoom Dome with IR LED 15m, WDR 125dB



- H.265 Compression
- Built-in Analytics
- Event trigger, response and notification

► Specifications

Product Profile

Product Type	Zoom Dome
Application Environment	Outdoor
Maximum Resolution	5MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2616(H) X 1964(V) (5.14 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.018 lux (30 IRE); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	15m
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)
S/N Ratio	75 dB

Lens

Focal Length	Zoom, f2.7-13.5mm
Aperture	F1.4-F3.3
Zoom Ratio	5x optical zoom
Zoom Application	Camera Installation
Iris	Fixed iris
Focus	Auto focus
Horizontal Viewing Angle	101.1° - 30.4°
Vertical Viewing Angle	72.3° - 22.7°

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2592 x 1944 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 480 x 360 30 fps at 360 x 270
Multi-Streaming	Simultaneous triple streams based on configurations of video resolution, compression format, and frame rate
Digital Noise Reduction	2D + 3D DNR
Wide Dynamic Range	Extreme WDR (125 dB)
Image Orientation	Flip, Mirror, Rotation (Corridor mode) (90°, 180°, 270°)
Image Enhancement	White Balance, Brightness, Contrast, Saturation, Backlight compensation (BLC), Strong Light Suppression, Exposure (Auto/Manual), Digital Image Stabilizer (DIS, EIS)
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Deep Learning : Face Detection, People Detection, Vehicle Detection, Tampering Detection, People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, People Loitering Detection

Analytics

Deep Learning AI	1.0
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Audio

Audio Type	2-way, Line-in, Line-out
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Network

Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control

Event

Event Trigger	Video motion detection (3 regions) External device through digital input Sound detection Intelligent event detection Video streams loss
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Play the audio file, Push notification to mobile device, Save video to storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

System

System Monitor	CPU loading, memory usage and network statistics via API
Watchdog	Support

Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile Q, Profile T, Profile M
Web Browser	IE 11, Google Chrome, Microsoft Edge, Apple Safari
Auto Firmware Upgrade	Yes

Interface

Digital Input/Output	1/1 (Terminal block)
Operating Button	No







General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	12.95 W (PoE)
Environmental Casing	Weatherproof (IP66), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

► Related Products

Mounting Accessories - Camera Mount

PMAX-0102		Straight Tube
PMAX-0103		Straight Tube with Bracket
PMAX-0104		Extension Tube
PMAX-0113		Pendant Mount (for A8x, except A88)
PMAX-0127		Mount Kit (for Z83, Z84, Z810, A811, A818)
PMAX-0357		Wall Mount (for A826)

PMAX-0810



Mount Kit and Converter Ring, 1.5" NPT for Third-Party Mounting Accessories (for A8x, except A88)

PMAX-0813



Gang Box Converter (for A8x, except A88), supports Two-Gang Boxes

PMAX-1027



Flush Mount (for A61, A62, A8x, except A88)

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.