A427

4MP LightGuard Zoom Bullet with D/N, Adaptive IR, Extreme WDR, ELLS, 4.3x

- 4 Megapixel
- LightGuard
- Day & Night with Extreme Low Light Sensitivity and Adaptive IR LED
- 4.3x Zoom Lens, f2.8-12mm/F1.2-F2.5, P-Iris, Auto focus (for installation)
- Extreme WDR (140dB)
- H.265 Compression
- Super wide angle

▶ Specifications

Device

Product Type	Zoom Bullet
Maximum Resolution	4MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.0005 lux at F1.2 (AGC on); B/W: 0 lux (IR LED on)
LightGuard	Yes
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	50m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

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Lens

Focal Length	Zoom, f2.8-12mm
Aperture	F1.2-F2.5
Zoom Ratio	4.3x optical zoom
Zoom Application	Camera Installation
Iris	P-Iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	114.5° - 41.8°
Vertical Viewing Angle	59.3° - 23.6°
Viewing Angle Adjustment	Pan: 360°, Tilt: 90°, Rotation: 360°

Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.265, H.264 Adaptive Stream (equivalent to Zip or Smart Stream or H.264+), H.264, MPEG
Maximum Frame Rate vs. Resolution	30 fps at 2688 x 1520 60 fps at 2560 x 1440 60 fps at 1920 x 1080 60 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 640 x 480
Multi-Streaming	Simultaneous 5 streams
Wide Dynamic Range	Extreme WDR (140 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Saturation, Automatic gain control, Backlight compensation (BLC), Highlight compensation (HLC), Digital Image Stabilizer (DIS, EIS), Defogging
Digital Noise Reduction	3D DNR
Privacy Mask	8 configurable regions
Text Overlay	Yes
Built-in Analytics	Smart Motion Detection, People Detection, Vehicle Detection, Smart Intrusion Protection, Object Metadata, Tampering Detection, Missing Object Detection, Unattended Object Detection, People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Exit Area Detection, Stopped vehicle detection, Face Detection, Face Snapshot, Face Matching, Face Recognition, Hard Hat Detection, Heat Map, Crowd Detection, Queue management, People Counting, Vehicle Counting, Duty Status Detection
Image Orientation	Flip, Mirror, Rotation (Corridor mode)

Analytics

Deep Learning AI	2.0

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, Bonjour, UPnP, QoS, SSL/TLS, SNMP
Ethernet Port	1 x Ethernet (10/100/1000 Base-T), RJ-45 connector
Maximum User Connections	32
Security	IP address filtering, HTTPS encryption, Password protected user level

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Event

Event Trigger	Video motion detection, External device through digital input, Shock Detection, Intelligent event detection,

Integration

Edge Recording	Support (integration with NVR by ONVIF Profile G)*
ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Microsoft Edge, Google Chrome, Firefox, Apple Safari

Interface

Digital Input/Output	2/2
Operating Button	Reset Button

General

Power Source	DC 12V, High PoE (IEEE802.3at)
Power Consumption	16.8 W (PoE)
Dimensions	(Ø x L): 144mm x 347mm (5.67" x 13.66")
Environmental Casing	Weatherproof (IP67), Vandal proof metal casing (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Mount Type	Pole Mount, Corner Mount
Heater	Yes
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Approvals	CE Class A, FCC Class A, IP67, IK10 (metal casing)
Color	White
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

Power Supply Accessories - Power Adapter

PPBX-0015		Power Adapter AC 100~240V (12V/2A Output), with universal connectors for R21CF-xx

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