

# A45

## 2MP Face, People and Car Detection Zoom Bullet with D/N, Adaptive IR, Extreme WDR, ELLS, 4.3x Zoom Lens



- Face, People and Car Detection
- 2 Megapixel
- Day & Night with Extreme Low Light Sensitivity and Adaptive IR LED
- Extreme WDR
- H.265 Compression
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Zoom Bullet
Maximum Resolution	2MP
Product Application	Face, People and Car Detection
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	1945(H) X 1097(V) (2.13 MP)
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.05 lux at F1.4; B/W 0.005 lux at F1.4 (AGC on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1150nm
IR LED	Adaptive IR LED
IR Working Distance	30m
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)

## Lens

Focal Length	Zoom, f2.8-12mm
Aperture	F1.4-F2.8
Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Focus	Auto focus
Lens Mount	Board mount

## Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Extreme WDR (142 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Defogging
Digital Noise Reduction	2D + 3D DNR
Built-in Analytics	Tampering Detection, Face Detection*, People Detection*, Car Detection*, People Enter Area Detection*, Vehicle Enter Area Detection*
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)
Image Orientation	Mirror, Flip, Rotation

## Audio

Audio Type	2-way, Mic-in, Line-in, Line-out
Audio Compression	8 kHz, Mono, G.711

## Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

## Video Analytics

Analysis Source Type	Video
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## Event

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

## Integration

Unified Solution	Fully compatible with ACTi software
ONVIF Compliant	Yes
Web Browser	IE 11

## Interface

Audio Interface	Cable with 3.5mm Phone Jack
Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
Digital Input/Output	1/1 (Cable with Terminal block)



## General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	12.95 W (PoE)
Dimensions	(Ø x L): 80mm x 258.30mm (3.149" x 10.169")
Environmental Casing	Weatherproof (IP66), Vandal proof metal casing (IK10)
Bundled Accessories	Integrated bracket
Mount Type	Integrated Bracket, Wall Mount, Ceiling Bracket, Pole Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Operating Humidity	20% - 80% RH
Approvals	CE, FCC, IP66, IK10 (metal casing)
Warranty	3 Year(s)

\* To be available through future firmware upgrade

## ► Related Products

### Mounting Accessories - Camera Mount

PMAX-0517		Pole Mount (for A44, A45, A46, A48, A413), supports 3.25" to 7.0" Poles
PMAX-0518		Pole Mount (for A44, A45, A46, A48, A413), supports 2" to 3" Poles

**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.