

E41

1MP with IR LED 30m, WDR 74dB



- 1 Megapixel, f3.3-12mm Vari-focal ,
- IR LED 30m
- Weatherproof (IP68), Vandal proof (IK10), NEMA 4X

Specifications

Product Profile

Product Type	Fixed Bullet
Application Environment	Outdoor
Maximum Resolution	1MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/4 "
Effective Pixels	1280(H) X 800(V) (1.02 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F1.6 (30 IRE, 2400 K); B/W: 0 lux at F1.6 (IR LED on)
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1100nm
IR LED	Adaptive IR LED x 15 (850 nm)
IR Working Distance	30m
Color to B/W Switch	ISP based switch, configurable
Electronic Shutter	1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)

Horizontal Resolution (TV Lines)	700 TVL
S/N Ratio	52 dB

Lens

Focal Length	Vari-focal, f3.3-12mm
Aperture	F1.6
Iris	Fixed iris
Focus	Manual focus
Lens Mount	Board mount
Horizontal Viewing Angle	69.8° - 19.1°
Vertical Viewing Angle	36.9°

Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 15 fps at 320 x 240
Bit Rate	28Kbps - 6Mbps
Bit Rate Mode	Constant, Variable
Multi-Streaming	Simultaneous dual streams
Digital Noise Reduction	DNR
Wide Dynamic Range	Basic WDR (74 dB)
Image Orientation	Flip, Mirror
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control (AGC), Flickerless
Privacy Mask	4 configurable regions
Text Overlay	Yes
On-Screen Graphics (Picture Overlay)	Yes
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)

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 x RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control, Standard IoT Security (anti-hacking, anti-malware)

Event

Event Trigger	Video motion detection (3 regions),
---------------	-------------------------------------

Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Push notification to mobile device, Upload video or snapshot to FTP server, Upload video to NVR server
----------------	--

System

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

Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile T, Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

Interface

Operating Button	Reset Button
------------------	--------------

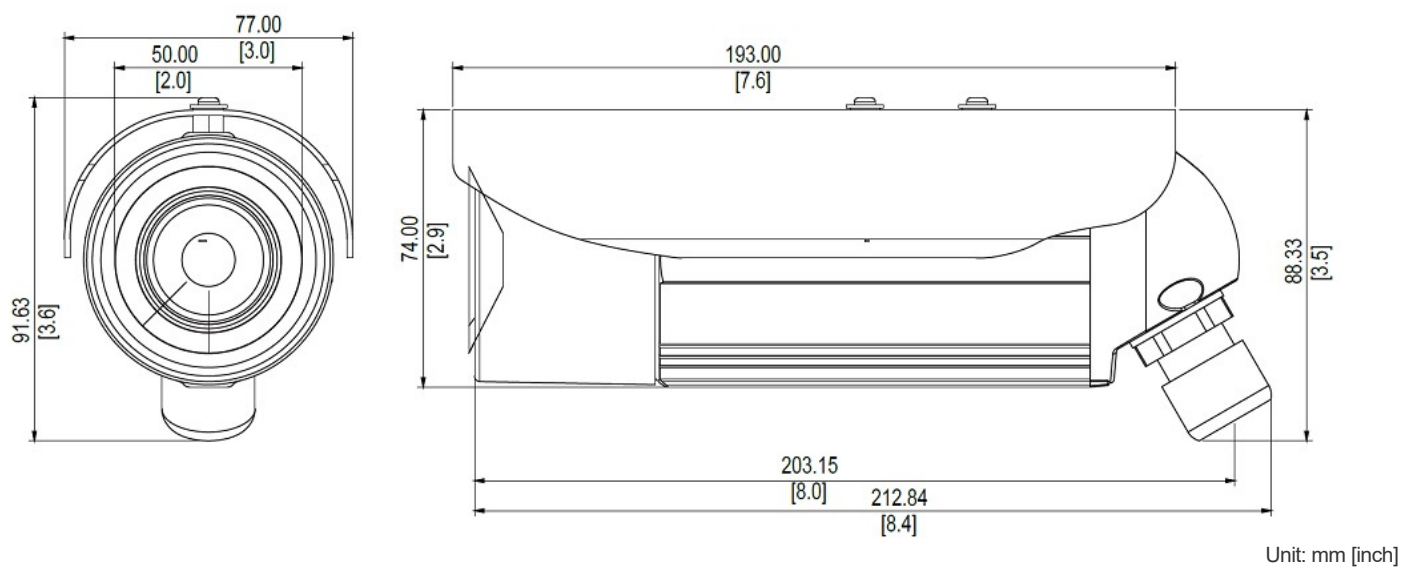
General

Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	3.74 W (PoE)
Weight	643g (1.418lb)
Dimensions	(Ø x L): 77mm x 213mm (3.03" x 8.39")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Bundled Accessories	Bracket
Mount Type	Bracket, Pole Mount, Corner Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10% - 85% RH, non-condensing
Approvals	CE Class B, FCC Class B, EAC, IP68, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector)
Real-time Clock (RTC)	No
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Photo Indication



Dimension Diagram



Related Products

Bullet - Vari-focal Bullet

E43B		5MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal lens, f2.8-12mm/F1.4 (HOV:69.2°-28.2°), H.264, 1080p/30fps, DNR, Audio, PoE, IP68, IK10 (metal casing), DI/DO
E43B		5MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal lens, f2.8-12mm/F1.4 (HOV:69.2°-28.2°), H.264, 1080p/30fps, DNR, Audio, PoE, IP68, IK10 (metal casing), DI/DO

Mounting Accessories - Camera Mount

PMAX-0402		Corner Mount
PMAX-0503		Pole Mount (for PMAX-0102, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0702, PMAX-1106, PMAX-1107), supports 5.25" to 8.5" Poles
PMAX-1107		Bracket for Bullet Cameras (D3x, D4x, E3x, E41~E43, E47 only)
R707-00002		Bracket (for E33A, E41, E42B, E43B)

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

Bullet Covers - Front Cover

R700-00005		Front Cover (for D4x, E4x bullet cameras, except E48)
------------	---	---

Network & Storage Peripherals - Data Switch

PPSW-0102		PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
PPSW-0105		PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)
PPSW-1101		PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)
PPSW-3100		PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W)

Extenders - PoE Extender

PPEX-0100		Veracity OUTREACH Max Power over Ethernet (PoE) Extender
-----------	---	--

Extenders - PoE over Coaxial Extender Kit

PPOC-0100		Planet LRP-101C-KIT Power over Coax Adapter Kit
-----------	---	---

Illuminators - IR LED Illuminator

PLED-0200		SPINLUX (SL-A2IRXX10-24CL) IR Illuminator 10° Angle with 120 m approx. range
PLED-0201		SPINLUX (SL-A2IRXX25-24CL) IR Illuminator 25° Angle with 50 m approx. range