	E416
Model	E416
Product Type	Zoom Bullet
Maximum Resolution	10MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3 "
Effective Pixels	3856(H) X 2764(V) (10.66 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F2.8 (30 IRE, 2400 K); B/W: 0 lux at F2.8 (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	30m
Horizontal Resolution (TV Lines)	1450 TVL
S/N Ratio	52 dB
Focal Length	Zoom, f3.1-13.3mm
Aperture	F1.4-F4.0
Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Iris	P-Iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	109° - 26.4°
Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	7 fps at 3648 x 2736 7 fps at 3648 x 2160 7 fps at 2592 x 1944 7 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 800 x 600 30 fps at 640 x 480 30 fps at 1280 x 720 15 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams
Wide Dynamic Range	Basic WDR (70 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
VMS-based Analytics	Face Detection, Object Based Motion Detection, Tamper, People Counting, Line Crossing, Enter Area, Exit Area, Appear in Area, Missing Object, Unattended Object, Crowd Detection, Direction Detection, Vehicle Counting, Heat Map, License Plate Recognition, Speed Estimation, (require PC-based or standalone IVS or ALPR Server)
Image Orientation	Flip, Mirror
Audio Type	2-way, Line-in, Line-out
Network Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTSP, RTP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1 x RJ-45 connector
Digital Input/Output	1/1
Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
Power Source	PoE Class 3 (IEEE802.3af)
Power Consumption	12 W (PoE)
Environmental Casing	Weatherproof (IP67), Vandal proof metal casing (IK10)
Bundled Accessories	Integrated bracket
Mount Type	Gang box, Integrated bracket, Pole Mount
Heater	Yes
Starting Temperature	-20 °C ~ 50 °C (-4 °F ~ 122°F) within 30 minutes
Operating Temperature	-30 °C ~ 50 °C (-22 °F ~ 122 °F)
Approvals	CE, FCC, IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector)
Warranty	3 Year(s)
Software Development Kit (SDK)	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, (To be available through future firmware upgrade)
Web Browser	IE 8.0 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime
Extended Warranty	2 Year(s)
Product Availability	ACTi : Now Distributor : Now