A31

· Device

Product Type	Bullet
Maximum Resolution	3MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.85; B/W 0.01 lux at F1.85 (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 x 22 (850 nm)
IR Working Distance	30m
Electronic Shutter	1/5-1/16000sec (manual mode); 1/5-1/16000sec (auto mode)
Horizontal Resolution (TV Lines)	1300 TVL
S/N Ratio	56dB

· Lens

Focal Length	Fixed focal, f2.8mm
Aperture	F1.85
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	106.9°
Vertical Viewing Angle	79.9°

· Video

Compression	H.265, H.264 (Baseline/Main/High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 30 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28Kbps - 12Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Extreme WDR (100 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tamper
VMS-based Analytics	Object Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Line Crossing, Enter Area, Missing Object, Unattended Object, Smoke Detection, Heat Map, Dwell time, Direction Detection, License Plate Recognition, People Queue management, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)
Image Orientation	Flip, Mirror, Rotation

· 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
Ethernet Port	1 x RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

· Event

Event Trigger	Video motion detection (3 regions), Tampering detection
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Upload video or snapshot to FTP server

· Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S
Web Browser	IE 9.0 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime

· General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	8 W (PoE), 8 W (DC)
Weight	820g (1.807lb)
Dimensions	(Ø x L): 80mm x 258.3mm (3.149" x 10.169")
Environmental Casing	Weatherproof (IP66), Vandal proof metal casing (IK10)
Bundled Accessories	Integrated bracket
Mount Type	Integrated 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
Warranty	3 Year(s)
Approvals	CE, FCC, IP66, NEMA 4X, IK10 (metal casing)
Extended Warranty	2 Year(s)

Product Availability	ACTi : 2017.03.03 Distributor : 2017.03.18
MSRP (USA, reference only)	USD$873 *Preliminary Price