

A81



Model	A81
Product Type	Zoom Dome
Maximum Resolution	3MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2065(H) X 1553(V)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.05 lux at F1.4 (30 IRE, Max. AGC); B/W: 0.005 lux at F1.4 (30 IRE, Max. AGC)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	30m
Horizontal Resolution (TV Lines)	1280 TVL
S/N Ratio	56 dB
Focal Length	Zoom, f2.8-12mm
Aperture	F1.4-F2.8
Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Iris	P-Iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	88° - 25°
Viewing Angle Adjustment	Pan: 0°-270°, Tilt: 0°-90°, Rotation: 0°-90°
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
Wide Dynamic Range	Extreme WDR (130 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Digital Image Stabilizer, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Built-in Analytics	Tamper, Digital Image Stabilizer, (To be available through future firmware upgrade)
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	Mirror, Flip, Rotation
Audio Type	2-way, Mic-in, Line-out
Network Protocol & Service	IPv4/v6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, ICMP, SNMP, QoS, IEEE 802.1X, (To be available through future firmware upgrade)
Ethernet Port	1 x RJ-45 connector
Digital Input/Output	1/1
Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included), (To be available through future firmware upgrade)
Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	10 W (PoE)
Environmental Casing	Weatherproof (IP66), Vandal proof (IK10)
Mount Type	Surface, Pendant, Wall Mount
Starting Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
Operating Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
Approvals	CE, FCC, IP66, IK10
Warranty	3 Year(s)
ONVIF Compliant	Yes, Profile S
Web Browser	IE 9.0 or newer
Extended Warranty	2 Year(s)
IVS performance	Certain algorithms may require more computing power, which may limit the number of algorithms that can be concurrently used in the camera. Please test the actual performance before using in a project.
Product Availability	ACTi : Now Distributor : Now