

## A82



|                                   |   |
|-----------------------------------|---|
| Model                             | A82   |
| Product Type                      | Zoom Dome   |
| Maximum Resolution                | 5MP   |
| Application Environment           | Outdoor   |
| Image Sensor                      | Progressive Scan CMOS   |
| Sensor Size                       | 1/1.8 "   |
| Effective Pixels                  | 3096(H) X 2080(V)   |
| Day / Night                       | Yes   |
| Low Light Sensitivity             | Superior  |
| Minimum Illumination              | Color: 0.1 lux at F1.5; B/W 0.05 lux at F1.5 (AGC on)   |
| Mechanical IR Cut Filter          | Yes   |
| IR LED                            | Adaptive IR LED   |
| IR Working Distance               | 30m   |
| Horizontal Resolution (TV Lines)  | 1650 TVL  |
| S/N Ratio                         | 56 dB   |
| Focal Length                      | Zoom, f3.6-10mm   |
| Aperture                          | F1.5-F2.8   |
| Zoom Ratio                        | 2.8x optical  |
| Zoom Application                  | Camera Installation   |
| Iris                              | P-Iris  |
| Focus                             | Auto focus  |
| Lens Mount                        | Board mount   |
| Horizontal Viewing Angle          | 90° - 40°   |
| Viewing Angle Adjustment          | Pan: 0°-270°, Tilt: 0°-90°  |
| Compression                       | H.265, H.264 (Baseline/ Main/ High profile), MJPEG  |
| Maximum Frame Rate vs. Resolution | 30 fps at 2592 x 1944<br>30 fps at 2560 x 1920<br>30 fps at 1920 x 1080<br>30 fps at 1280 x 960<br>30 fps at 1280 x 720<br>30 fps at 720 x 576<br>30 fps at 640 x 480<br>30 fps at 640 x 360<br>30 fps at 320 x 240<br>30 fps at 320 x 180  |
| Multi-Streaming                   | Multiple streams  |
| Wide Dynamic Range                | Extreme WDR (90 dB)   |
| Image Enhancement                 | Digital Image Stabilizer, Defogging   |
| Digital Noise Reduction           | 2D + 3D DNR   |
| Privacy Mask                      | 7 configurable regions  |
| Built-in Analytics                | Digital Image Stabilizer, (some of the algorithms may not be available in the first release, can be upgraded for free later)  |
| 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-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, CoS, 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             | -40 °C ~ 50 °C (-40 °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 : TBC<br>Distributor : TBC   |
| MSRP (USA, reference only)        | USD\$1,289 *Preliminary Price   |