



I88

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| Model | I88 |
| Product Type | Zoom Dome |
| Maximum Resolution | 2MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Day / Night | Yes |
| Superior Low Light Sensitivity | Yes |
| Minimum Illumination | Color: 0.1 lux, B/W: 0 lux (IR LED on) at F1.8 |
| Mechanical IR Cut Filter | Yes |
| IR LED | Yes, Adaptive IR (Object & Zoom Adaptive IR) |
| IR Working Distance | 40m |
| Lens | Zoom, f3.3-33mm / F1.8-5.6, P-iris, Auto focus |
| Zoom Ratio | 10x optical |
| Viewing Angle Adjustment | Pan: 0°-350°, Tilt: -20°-200°, Rotate: 0°-350° |
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 64.02°-2.39° |
| Compression | H.264 High Profile, MJPEG |
| Maximum Frame Rate vs. Resolution | 60 fps at 1920 x 1080 60 fps at 1280 x 720 60 fps at 640 x 480 60 fps at 320 x 240 |
| Horizontal Resolution (TV lines) | 1800 TVL |
| Image Orientation | Rotation (0°, 90°) |
| Multi-Streaming | Dual streams |
| Wide Dynamic Range | Advanced WDR (145 dB) |
| Digital Noise Reduction | 2D+3D DNR |
| Digital Image Stabilizer | Digital Image Stabilizer |
| S/N Ratio | 56 dB |
| Audio | 2-way (Line-in, Line-out) |
| Network Protocol & Service | TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour |
| Pan, Tilt or Zoom protocol | Visca, Pelco-D, Pelco-P |

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| Network Connector | RJ-45 |
| Digital Input/Output | 2/2 |
| Local Storage | MicroSDHC memory card slot (card not included) |
| Power Source | DC 12V; PoE Class 3 |
| Environmental Casing | Weatherproof (IP68); Vandal proof (IK10) |
| Bundled Accessories | No |
| Mount Type | Surface, Pendant, Wall, Corner, Pole, Flush, Gang Box |
| Other Value-Added Features | Defogging |
| Built-in Analytics | Face Detection, Motion Detection, Tamper, People Counting |
| Software Based Analytics (require PC based Smart Search Tool, IVS Server or ALPR Server) | Face Detection, Motion Detection, Tamper, People Counting, Line crossing, Enter area, Exit area, Appear in area, Missing object, Unattended object, Crowd detection, Forbidden direction, Vehicle Counting, Heat Map, License Plate Recognition, Speed Detection |
| Client PC Operating System | Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, Windows XP |
| PC Web Browser | IE 8, IE 9, IE 10, IE 11, Firefox with VLC, Chrome with VLC, Safari with Quicktime |
| ONMF Compliant | Yes |
| Heater | Yes |
| Fan | No |
| Starting Temperature | -40°C ~ 60°C (-40°F ~ 140°F) within 30 minutes |
| Operating Temperature | -40°C ~ 60°C (-40°F ~ 140°F) |
| Approvals | CE, FCC, IP68, IK10, NEMA4X |
| Warranty | 3 Years |
| Product Availability | ACTi : 2014.12.04 Distributor : 2015.01.04 |
| MSRP (local, reference only) | Please contact our sales |