

B945

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| Model | B945 |
| Product Type | Speed Dome |
| Maximum Resolution | 2MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.8 " |
| Effective Pixels | 1944(H) X 1224(V) (2.38 MP) |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.1 lux at F1.6 (30 IRE, 2400 K); B/W: 0 lux at F1.6 (IR LED on) |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED |
| IR Working Distance | 60-100m |
| Horizontal Resolution (TV Lines) | 1450 TVL |
| S/N Ratio | 56 dB |
| Focal Length | Zoom, f4.7-94mm |
| Aperture | F1.6-F3.5 |
| Zoom Ratio | 20x optical |
| Zoom Application | Camera Installation, Auto Zoom by Event, Manual Operation |
| Iris | DC iris |
| Focus | Auto focus |
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 60.8° - 3.4° |
| Panning Range | 360° endless |
| Tilting Range | -20°~200° |
| Compression | H.264 (Baseline/ Main/ High profile), MJPEG |
| Maximum Frame Rate vs. Resolution | 60 fps at 1920 x 1080 60 fps at 1280 x 720 30 fps at 640 x 480 30 fps at 320 x 240 |
| Multi-Streaming | Simultaneous triple streams |
| Wide Dynamic Range | Extreme WDR (145 dB) |
| Image Enhancement | White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Defogging, Digital Image Stabilizer, Shock Detection |
| Digital Noise Reduction | 2D + 3D DNR |
| Privacy Mask | 20 configurable 3D privacy masks |
| Built-in Analytics | Object Based Motion Detection, Tamper, Shock Detection, PTZ Auto Tracking, Line Crossing, Enter Area, Missing Object, Unattended Object, Loitering |
| 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, Rotation |
| Audio Type | 2-way, Mic-in, 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 |
| Ethernet Port | 1 x RJ-45 connector |
| Digital Input/Output | 4/2 |
| Local Storage | MicroSDHC, MicroSDXC memory card slot (card not included) |
| Power Source | AC 24V, High PoE |
| Power Consumption | 25.5 W (AC) |
| Environmental Casing | Weatherproof (IP66), Vandal proof metal casing (IK10), Built-in dehumidifier, Scratch-resistant and water-repellent lens glass |
| Bundled Accessories | Power Adapter |
| Mount Type | Pendant, Wall Mount, Corner Mount, Pole Mount |
| Fan | Yes |
| Heater | Yes |
| Dehumidifier | Yes |
| Starting Temperature | -40°C ~ 55°C (-40°F ~ 131°F) within 30 minutes |
| Operating Temperature | -40°C ~ 55°C (-40°F ~ 131°F) |
| Approvals | CE, FCC, IP66, NEMA 4X, IK10 (metal casing), UL (for bundled power adapter) |
| Warranty | 3 Year(s)* (3 months in continuous motion) |
| Software Development Kit (SDK) | Yes |
| GPS Position | Manual setting |
| ONVIF Compliant | Yes, Profile S, Profile G |
| Web Browser | IE 9.0 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime |
| Auto Firmware Upgrade | Yes |
| Extended Warranty | 2 Year(s)* (3 months in continuous motion) |
| 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 : 2016.06.30 Distributor : 2016.07.07 |
| MSRP (USA, reference only) | USD\$3,858 *Preliminary Price |