



|                                   | B232   |
|-----------------------------------|--|
| Model                             | B232   |
| Product Type                      | Zoom Box   |
| Maximum Resolution                | 3MP  |
| Application Environment           | Indoor/Outdoor   |
| Image Sensor                      | Progressive Scan CMOS  |
| Day / Night                       | Yes  |
| Superior Low Light Sensitivity    | Yes  |
| Minimum Illumination              | Color: 0.1 lux, B/W: 0.05 lux at F1.6  |
| Mechanical IR Cut Filter          | Yes  |
| IR LED                            | No   |
| Lens                              | Zoom, f4.7-94mm / F1.6-3.5, DC iris, Auto focus  |
| Zoom Ratio                        | 20x optical  |
| Lens Mount                        | Board mount  |
| Horizontal Viewing Angle          | 60.8°-3.4°   |
| Compression                       | H.264 High Profile, MJPEG  |
| Maximum Frame Rate vs. Resolution | 3MP  |
| Horizontal Resolution (TV lines)  | 1600 TML   |
| Image Orientation                 | Rotation (0°, 90°)   |
| Multi-Streaming                   | Dual streams   |
| Wide Dynamic Range                | Advanced WDR (80 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  |
| Network Connector                 | RJ-45  |
| Digital Input/Output              | 1/1  |
| Serial Port                       | RS-485, RS-422   |

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| Local Storage  | MicroSDHC/MicroSDXC memory card slot<br>(card not included)  |
| Power Source   | DC 12V; PoE Class 3  |
| Environmental Casing   | Optional housing (IP66)  |
| Bundled Accessories  | No   |
| Mount Type   | Wall, Ceiling, Corner, Pole  |
| Built-in Analytics   | Face Detection, Motion Detection, Tamper,<br>People Counting   |
| Software Based Analytics (require PC<br>based Smart Search Tool, IVS Server or<br>ALPR Server) | Face Detection, Motion Detection, Tamper,<br>People Counting, Line crossing, Enter<br>area, Exit area, Appear in area, Missing<br>object, Unattended object, Crowd<br>detection, Forbidden direction, Vehicle<br>Counting, Heat Map, License Plate<br>Recognition, Speed Detection |
| Client PC Operating System   | Windows 7, Windows Server 2008,<br>Windows Vista, Windows Server 2003,<br>Windows XP   |
| PC Web Browser   | IE 8, IE 9, IE 10, IE 11, Firefox with VLC,<br>Chrome with VLC, Safari with Quicktime  |
| ONMF Compliant   | Yes  |
| Starting Temperature   | -10°C ~ 50°C<br>(14°F ~ 122°F)   |
| Operating Temperature  | -10°C ~ 50°C<br>(14°F ~ 122°F)   |
| Approvals  | CE, FCC  |
| Warranty   | 3 Years  |
| Product Availability   | ACTi : 2015.02.13<br>Distributor : 2015.03.13  |
| MSRP (local, reference only)   | <a href="#">Please contact our sales</a>   |