

## Specification

| Camera Module   |  |
|---|--|
| <b>DS-2DP1636ZIX-D/236(5mm) (B)<br/>PanoVu Series 360° Panoramic + PTZ Camera</b> |  |
| One-touch Link  | Support  |
| Tracking Mode   | Manual/ Auto/ Mix  |
| Multiple Targets Tracking   | Support  |
| Number of Targets   | Up to 30 targets can be detected at the same time.   |
| Target Switch Time  | <1s  |
| Calibration   | Manual/ Auto   |
| Tracking Duration   | Up to 60 s   |
| Sensitivity Settings  | Support  |
| Panoramic Camera  |  |
| Image Sensor  | Eight 1/1.8" Progressive Scan CMOS   |
| Min. Illumination   | Color: 0.005 Lux@(F2.0, AGC ON), B/W: 0.0005 Lux@(F2.0, AGC ON)  |
| Lens  | 5.0mm/ F2.0  |
| Field of View   | Horizontal : 360°, Vertical: 80°   |
| Smart Image Enhancement   | Digital WDR, 3D DNR, HLC   |
| Video Compression   | Main Stream: H.265+/H.265/H.264+/H.264<br>Sub-Stream: H.265/H.264/MJPEG<br>Third Stream: H.265/H.264   |
| Main Stream Resolution  | 20:9<br>50Hz: 25fps (4096×1800, 3840×1680, 2720×1192)<br>60Hz: 30fps (4096×1800, 3840×1680, 2720×1192)<br>20:6<br>50Hz: 25fps (4096×1200, 3840×1080, 2720×800)<br>60Hz: 30fps (4096×1200, 3840×1080, 2720×800)     |
| Sub-Stream Resolution   | 20:9<br>50Hz: 25fps (704×320, 512×232)<br>60Hz: 30fps (704×320, 512×232)<br>20:6<br>50Hz: 25fps (704×200)<br>60Hz: 30fps (704×200)   |
| Third Stream Resolution   | 20:9<br>50Hz: 25fps (2048×896, 1280×560, 704×320, 512×232)<br>60Hz: 30fps (2048×896, 1280×560, 704×320, 512×232)<br>20:6<br>50Hz: 25fps (2048×600, 1280×376, 704×200)<br>60Hz: 30fps (2048×600, 1280×376, 704×200) |
| Basic Event Detection   | Motion Detection   |
| Smart Event Detection   | Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection  |
| Tracking PTZ Camera   |  |
| Image Sensor  | 1/1.8" Progressive Scan CMOS   |
| Min. Illumination   | Color: 0.002 Lux@(F1.5, AGC ON), B/W: 0.0002 Lux@(F1.5, AGC ON), 0 Lux with IR   |
| IR  | IR distance: 200m; IR brightness and angle are adjustable.   |
| S/N Ratio   | ≥ 55 dB  |
| Smart Image Enhancement   | 3D DNR, 120 dB WDR, Optical Defog, HLC, Smart IR, EIS  |
| Focal Length  | 5.6 to 208mm, 36× optical zoom   |
| Zoom Speed  | Approx.6.6s (Optical Wide-Tele)  |
| Horizontal FOV  | 62.5° to 1.9° (Wide-Tele)  |
| Min. Working Distance   | 10mm to 1500mm (Wide-Tele)   |
| Aperture Range  | F1.5 to F4.5   |
| Pan and Tilt Range  | Pan: 360°, Tilt: -15° to 90°   |

|                         |  |
|-------------------------|--|
| Pan and Tilt Speed      | Pan Manual Speed: 0.1°/s to 210°/s (Configurable), Pan Preset Speed: 240°/s<br>Tilt Manual Speed: 0.1°/s to 150°/s (Configurable), Tilt Preset Speed: 200°/s                       |
| Preset Number           | 300  |
| Patrol                  | 8 patrols, up to 32 presets per patrol   |
| Pattern                 | 4 patterns, with the recording time not less than 10 minutes per pattern   |
| Park Action             | Preset/ Pattern Scan/ Patrol Scan/ Auto Scan/ Tilt Scan/ Random Scan/ Frame Scan/<br>Panorama Scan   |
| Scheduled Task          | Preset/ Pattern Scan/ Patrol Scan/ Auto Scan/ Tilt Scan/ Random Scan/ Frame Scan/<br>Panorama Scan/ Dome Reboot/ Dome Adjust/ Aux Output   |
| Power-off Memory        | Support  |
| 3D Positioning          | Support  |
| Video Compression       | Main Stream: H.265+/H.265/H.264+/H.264<br>Sub-Stream: H.265/H.264/MJPEG<br>Third Stream: H.265/H.264   |
| Main Stream Resolution  | 50Hz: 25fps (1920×1080, 1280×960, 1280×720)<br>60Hz: 30fps (1920×1080, 1280×960, 1280×720)   |
| Sub-Stream Resolution   | 50Hz: 25fps (704×576, 640×480, 352×288)<br>60Hz: 30fps (704×480, 640×480, 352×240)   |
| Third Stream Resolution | 50Hz: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480, 352×288)<br>60Hz: 30fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480, 352×240)                                   |
| Target Filtering        | People and vehicle are classified and filtered separately.   |
| Basic Event Detection   | Motion Detection, Video Tampering Detection, HDD Full, HDD Error, Network<br>Disconnected, IP Address Conflicted, Illegal Login  |
| Smart Event Detection   | Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting<br>Detection, Face Detection, Audio Exception Detection,                                   |
| <b>Network</b>          |  |
| Audio Compression       | G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM  |
| Protocols               | TCP/IP, IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP,<br>RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour                                 |
| API                     | Open-ended, support ONVIF, support HIKVISION SDK and Third-Party Management<br>Platform  |
| <b>System Interface</b> |  |
| Network Interface       | 1 self-adaptive Ethernet interface   |
| Fiber Cable             | 1 1000M FC interface, TX1310/ RX1550nm wavelength, 20 km transmission distance   |
| RS-485                  | Half duplex, HIKVISION, Pelco-P and Pelco-D self-adaptive  |
| Alarm Input/ Output     | 7-ch alarm input and 2-ch alarm output, support alarm linkage: Preset/ Patrol Scan/<br>Memory Card Recording/ Aux Output/ Notify Surveillance Center/ Upload to FTP/ Send<br>Email |
| Audio Input/ Output     | 1-ch audio input and 1-ch audio output.  |
| Storage                 | Built-in memory card slot, support Micro SD/SDHC/SDXC (up to 128GB)  |
| <b>General</b>          |  |
| Power Supply            | 36 VDC   |
| Power Consumption       | 130 W Max.   |
| Working Temperature     | Outdoor: -40°C to 70°C (-40°F to 158°F)  |
| Working Humidity        | ≤ 90%  |
| Protection Level        | IP66 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient<br>Protection  |
| Dimension               | Φ391.8mm×400.5mm (Φ15.43"×15.77")  |
| Weight                  | Approx. 18kg (39.68lb)   |