

## 1080p Indoor/Outdoor PTZ IP Camera

**O2P30X** 4.3-129mm 30x optical zoom lens, white housing

### Features

- Supports Full HD 1080p @ 30fps
- Built-in PoE+ (IEEE 802.3at)
- 30x optical zoom
- True Day/Night operation (IR cut filter)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- IP66 compliant
- Conformance with ONVIF Profile S
- 1 year warranty



### Camera Specifications

|                          |                                 |
|--------------------------|---------------------------------|
| Image Sensor             | Progressive scan 1/3" CMOS, 2MP |
| Maximum Resolution       | 1920x1080                       |
| Minimum Illumination     | Color: 0.5 lux, BW: 0.1 lux     |
| White Balance            | Automatic, Manual, ATW, Push    |
| Compensation             | WDR/BLC                         |
| Exposure Control         | Digital slow shutter            |
| Electronic Shutter Speed | Auto/Manual                     |
| WDR/BLC                  | Both                            |
| Day/Night                | IR cut filter                   |
| DNR                      | 3D                              |

### Video Specifications

|                       |                              |
|-----------------------|------------------------------|
| Supported Resolutions | 1920x1080 / 1280x720 @ 30fps |
| Compression           | H.264 (HP/MP), MJPEG         |
| Bitrate Control       | VBR, CBR                     |
| Multiple Streaming    | 3 simultaneous streams       |

### Audio Specifications

|             |              |
|-------------|--------------|
| Mono Input  | 64Kbps G.711 |
| Mono Output | 64Kbps G.711 |

### PTZ Specifications

|            |                                                    |
|------------|----------------------------------------------------|
| Pan Range  | 0° - 360° endless                                  |
| Tilt Range | 0° - 190°                                          |
| Speed      | Preset 540°/sec; Manual 240°/sec                   |
| Presets    | 254 positions                                      |
| Tour       | Max. 10 programmable group tours                   |
| Auto Pan   | 2 to 8 points                                      |
| Pattern    | 8 programmable patterns<br>(1200 commands/pattern) |
| Group      | 8 groups (20 operations/group)                     |

### External Terminal Specifications

|              |                                       |
|--------------|---------------------------------------|
| Ethernet     | 10/100 Mbps                           |
| Alarm        | Sensor input, Relay output            |
| Analog Video | BNC out                               |
| Audio        | 1 mic in, 1 line out (terminal block) |
| Control      | RS485                                 |
| Power        | 2-pin terminal block                  |

### Network Specifications

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| Protocols    | IPv4, IPv6, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS       |
| DDNS support | Speco DDNS (free of charge)                                                               |
| Security     | User ID & Password protection, IP address filtering, HTTPS, SSL                           |
| User Access  | 8 simultaneous users at D1 resolution<br>Number of users may vary depending on resolution |

### System Specifications

|                |                                                            |
|----------------|------------------------------------------------------------|
| PoE            | PoE+ (IEEE 802.3at)                                        |
| Analytics      | Motion detection (3 regions)                               |
| Alarm Triggers | Analytics & sensor input                                   |
| Alarm Events   | FTP video/image file upload, email image upload, relay out |
| Video Buffer   | Configurable pre-record & post-record (5/5 sec)            |
| Image Settings | Privacy mask                                               |

### Client Specifications

|                     |                                          |
|---------------------|------------------------------------------|
| Web Browser Support | Windows (Internet Explorer 11)           |
| PC Application      | SecureGuard®                             |
| Mobile Application  | SecureGuard® Mobile (iPhone® & Android™) |

### Operating & Unit Specifications

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Power                 | PoE, 24VAC (power supply not included)                 |
| Power Consumption     | Max. 48VA                                              |
| Operating Temperature | -4°F - 122°F                                           |
| Operating Humidity    | 0% - 80% RH                                            |
| Unit Dimensions       | 7.4" (Dia.) x 10.5" (H)                                |
| Unit Weight           | 9.5 lbs.                                               |
| Certifications        | FCC, RoHS                                              |
| Included in Package   | Unit, CD (manual, software), mounting screws, L wrench |

### Optional Accessories



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