



# 4MP IP Bullet Camera with White Light Intensifier with Advanced Analytics

## O4LB2

2.8mm fixed lens, white housing



### Features

- Next Generation Intensifier with Advanced Image Signal Processing
- Captures up to 4MP @ 30fps
- Full Color capture in Day and Night with white LED
- White LED range: up to 98' (depending on scene reflection)
- Micro SD card slot up to 1TB (card not included)
- Conformant with ONVIF Profile G/S/T
- Built-in standard PoE (IEEE 802.3af)
- IP67 compliant
- Face/People/Vehicle Detection\*
- Two-way audio support with built-in mic
- Junction box included (works with NPT/BSP specifications)
- 5 year warranty

\*search these events with compatible Speco Blue Recorders



### Camera Specifications

|                          |   |
|--------------------------|---|
| Image Sensor             | Progressive scan 1/3" CMOS, 4M pixels             |
| Maximum Resolution       | 2688 x 1520                                       |
| Field of View            | H.FoV: 112°; V.FoV:61°; D.FoV:133°                |
| Minimum Illumination     | 0.0003 lux@ F1.0, AGC ON; 0 lux with White LED ON |
| White Balance            | Auto, Indoor, Outdoor, Manual                     |
| Compensation             | Digital WDR, BLC, HLC                             |
| Day/Night                | White LED   |
| Electronic Shutter Speed | 1/2s - 1/100000s                                  |
| DNR                      | 3D DNR  |
| Angle Adjustment         | Pan: 0°-360°; Tilt:0°-90°; Rotation: 0°-360°      |

### Network Specifications

|              |  |
|--------------|--|
| Protocols    | UDP, IPV4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPP, HTTPS, HTTP POST, QoS  |
| DDNS support | Speco DDNS (free of charge)  |
| Security     | Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP |
| User Access  | Max. 3 simultaneous users. Actual number of users may vary depending on bandwidth  |

### Video Specifications

|                    |  |
|--------------------|--|
| Main Resolution    | 4MP/2K/3MP/1080P up to 30fps   |
| Sub Stream         | 1080P/720P/D1 up to 30fps  |
| Third Stream       | 720P/D1/VGA/CIF/480x240 up to 30fps  |
| Fourth Stream      | D1/VGA/CIF/480x240 up to 30fps   |
| Fifth Stream       | D1/VGA/CIF/480x240 up to 30fps   |
| Compression        | H.265, H.264 (HP/MP/BP), MJPEG   |
| Bitrate Control    | VBR, CBR (64Kbps - 8Mbps)  |
| Multiple Streaming | 5 streams  |
| Image Settings     | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image, Flip, mage Mirror, Corridor mode, Watermark, video mask, heartbeat, image distortion correction. |

\*Products are in compliance with NDAAs Section 889 Part B Guidelines  
\*\*Search these analytic events with Speco Blue Recorders

### Audio Specifications

|              |                                |
|--------------|--------------------------------|
| Audio Codec  | G.711A / G.711U                |
| Audio Input  | 3.5mm audio in or built-in mic |
| Audio Output | 3.5mm audio out                |

### Client Specifications

|                     |   |
|---------------------|---|
| Web Browser Support | Chrome, Edge, Safari, Firefox, Internet Explorer    |
| PC Application      | Speca Blue VMS, SecureGuard® VMs, SecureGuard CMS®  |
| Mobile              | Speco Blue App- SecureGuard® (iPhone® and Android™) |

### System Specifications

|                  |  |
|------------------|--|
| PoE              | Standard (IEEE 802.3af)  |
| Detection Events | Motion detection, Video exception detection, Line crossing, region intrusion/entrance/exiting, counting (people/vehicle classification with descriptive metadata), abandoned/ missing object detection, crowd density detection, Face detection and capture. |
| Alarm Triggers   | Detection events, SD card error  |
| Alarm Events     | FTP upload, email upload   |

### Interfaces

|              |                                   |
|--------------|-----------------------------------|
| Ethernet     | 10/100 Mbps                       |
| Power        | DC jack                           |
| Audio Input  | 3.5mm mic-in and built-in mic     |
| Audio Output | 3.5mm audio out                   |
| Card slot    | MicroSD, up to 1TB (not included) |
| Alarm        | 1ch in/out                        |
| Reset        | Yes                               |

### Operating & Unit Specifications

|                       |  |
|-----------------------|--|
| Power                 | PoE, 12VDC (power supply not included) |
| Power Consumption     | 5.0W (max)                             |
| Operating Temperature | -40°F - 140°F                          |
| Operating Humidity    | Less than 95 % (non-condensing)        |
| Unit Dimensions       | 3.16" (W) x 3.16" (D) x 8.54" (H)      |
| Unit Weight           | 1.52 lb                                |
| Certifications        | FCC                                    |

### Optional Accessories



### Cameras Interfaces



Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 11/29/23

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